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ABSTRACT

This bibliography of materials for environmental education was designed to assist educational personnel in the following ways: by encouraging and supporting curriculum development and instructional activities in vocational education and career development throughout Wisconsin through collection and dissemination of appropriate materials on a free loan basis; by supplementing and complementing efforts of state educational agency staff and school district personnel in identifying needed resources for use in instructional workshops and with other developmental activities; and by encouraging use of resource materials and services in all appropriate programs of teacher education and in classroom implementation. The entries in this bibliography are divided into the following categories: environmental education (general), ecology (general), natural resources, energy, land use, pollution, solid wastes, population, and economic/social/cultural environment. For most citations addresses and price are listed for availability from the original source. A list of Wisconsin's nature study centers and a list of audiovisual materials sources are appended. (BH)

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A BIBLIOGRAPHY OF MATERIALS FOR

ENVIRONMENTAL EDUCATION

Roger H. Lambert
Geraldine Strey
Carla Kronebach

First Edition, 1978

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

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UNIVERSITY OF WISCONSIN-MADISON

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COOPERATING AND ADVISORY GROUPS

Local Wisconsin High Schools	Local Vocational Education Coordinators
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EXPLANATION OF THE BIBLIOGRAPHICAL FORMAT

Entries in the bibliography represent an attempt to describe individual items as completely and accurately as possible. The following example identifies the parts of an entry.

1 2
6-291 MATHEMATICS FOR THE SLOW LEARNER. Research
3 4
report no. 32-A. 1st. ed. By Emma Brown and Max Wit-
5 6
man. Deseret Publishing House, 1824 Locust St., South,
7 8 9 10
Salt Lake City, UT 84110; 1974. 329 p. $19.95.
11
Middle school level. "Designed for the culturally and
12
socially disadvantaged student."

1. call number
2. title
3. series note (not always used)
4. edition statement (not always used)
5. author(s)
6. publisher's name
7. publisher's address
8. date of publication (variations: 1973? Almost certainly published in that year; 197-. Published during that decade)
9. pagingation
10. price (if price is inknown, left blank)
11. grade level (indicated only when grade level is not apparent from the title, and only on items added to the collection after January 1, 1976.)
12. annotation (not always used; when in quotes, a direct quotation from the publication)

ABBREVIATIONS USED IN CATALOGING

b and w black and white; col. colored
comp. compiler(s); ed. edition or editor
et. al. and others; l. leaves
mm millimeter; n.d. no date
n.p. no place of publication; p. pages
rev. revised; v. volume(s)

EXPLANATION OF BIBLIOGRAPHIES AND LIBRARY SYSTEM

WISCONSIN VOCATIONAL STUDIES CENTER

UNIVERSITY OF WISCONSIN-MADISON

PURPOSE - The Vocational Education Resource Materials system has been designed to:

1. Encourage and support curriculum development and instructional activities in vocational education and career development throughout Wisconsin through collection and dissemination of approproate materials on a free loan basis;
2. Supplement and complement efforts of State Educational Agency staff and School District personnel by identifying needed resources for use in instructional workshops and with other developmental activities; and
3. Encourage use of resource materials and services in all appropriate programs of teacher education (preservice and inservice), and in classroom implementation.

AREAS - Bibliographies exist for each of the following educational areas: 1) Agriculture 2) Business 3) Career Education 4) Distributive Education 5) Environmental Education 6) Health Occupations 7) Home Economics 8) Trade and Industrial 9) Special and Handicapped Education.

USES - Potential uses for the bibliographies and the materials borrowed through the system include workshops, student and teacher references, indentification of curriculum aids, undergraduate and graduate student references, administrative planning, identification of materials for purchase, and other classroom or instructional uses.

LOAN PROCEDURES - Materials may be borrowed by Wisconsin teachers only. Order forms are incorporated into each bibliography and may be reproduced locally. Anyone wishing to borrow materials can do so by simply stating the item order numbers (S-101, S-2235, etc.) of the materials desired on the order form and sending it to the library. Orders will be filled by mail on a first-come, first-served basis. In addition to mail requests, materials are available for examination and loan at the School of Education IMC, located in the Teacher Education Building, 225 N. Mills St., Madison, WI 53706.

SOURCES OF MATERIALS AND FUNDS - The development of the bibliographies and free loan system has been made possible through a grant from the Bureau of Manpower Development, Wisconsin Department of Public Instruction, and the cooperation of the Wisconsin Bureau of Vocational, Technical and Adult Education.

CONTRIBUTION OF MATERIALS - Materials have been acquired from all over the United States. Materials collected as part of the on-going operation of the Wisconsin Vocational Studies Center have been included, as have many items contributed by various departments on the UW--Madison campus and teachers throughout the state. You may wish to contribute items which have been developed in your school. If so, send them or the title and publisher to the Wisconsin Vocational Studies Center. Your suggestions are welcome too.

MATERIALS NOT INCLUDED - The bibliographies do not attempt to include materials listed in readily available catalogues produced by commercial sources, government agencies or other agencies which normally supply their lists to teachers. Some duplication may exist, but in general, attempts have been made to avoid including materials from the ERIC, AIM/ARM, CIJE and other material lists.

DISTRIBUTION OF BIBLIOGRAPHIES - Bibliographies are distributed free to vocational and other selected educators in Wisconsin. Other persons and out-of-state residents may purchase the bibliographies. Only the bibliography appropriate to the field in which an individual works or teaches is supplied to that person. Complete sets of all 9 area bibliographies are supplied to LVEC's at the secondary level and through Learning Resource Centers and Division Chairmen at the post-secondary level.

PURCHASE PROCEDURE - Items listed in the bibliographies may be purchased, when available, from the supplier or publisher noted in the bibliographic entries. Materials may not be purchased through the Center.

CODING SYSTEM - A coding system has been designed to facilitate classification of materials. The system incorporates US Office of Education program code numbers and ERIC descriptor group numbers and terms. The system allows for a categorical breakdown within each program area.

UPDATES - Periodic update of bibliographies will be made as materials are added to the collection. Updates will alternate between the issuing of new bibliographies and supplements to previous editions of bibliographies. During the school year, periodic listings of new materials will be distributed.

COMPUTERIZED INFORMATION RETRIEVAL SYSTEM. A computerized information retrieval system which accesses ERIC, AIM, ARM and CIJE operates through the Wisconsin Department of Public Instruction (WIRE) and through local VTAE districts. The system will identify materials and print abstracts as well as titles, and supplements the bibliography system. For more information, contact the Wisconsin Vocational Studies Center.

REGIONAL CURRICULUM LABORATORY ASSOCIATION - The Center maintains contact with the Regional Curriculum Laboratory for Vocational Education in Springfield, Illinois through the Wisconsin Department of Public Instruction and the Wisconsin State Board of Vocational, Technical and Adult Education. The Regional Laboratory provides a backup source of materials as well as a contact for information about new materials being developed throughout the nation. To search for materials through the Lab, contact Mr. Cliff Zenor at the Wisconsin State Board of Vocational, Technical and Adult Education.

SPECIAL SUBJECT AREA LISTINGS - Certain subject areas represented in the bibliographies cut across several program areas. Examples are competency-based instruction, cooperative education, safety education and metric education. In addition, some vocational areas overlap. A good example of this overlapping is in the fields of distributive education and occupational home economics, which both deal with commercial food service, home furnishings and fashion. Because of this cross-cutting and overlapping of subjects, it is often advisable to examine the bibliographies for program areas besides your own. In some cases, cross-referencing has already been done by the Center staff for someone else. You can check with the project staff if you have a need for information which cuts across service areas. If a cross-indexed list has already been prepared, a copy will be sent to you; if not, the Center staff will try to compile one for you. For the increasingly important area of education for the disadvantaged, a list already exists. All items dealing with disadvantaged group education have been identified and listed by item order number at the back of each bibliography.

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/020 ADMINISTRATION

E-427 AN ENVIRONMENTAL EDUCATION GUIDE FOR ADMINISTRATORS. Series B. By Irene Sedgwick and Margaret Watkins. Institute for Environmental Education, 8911 Euclid Avenue, Cleveland, OH 44106; 197-. 33 p. $2.25

E-436 AN ENVIRONMENTAL EDUCATION GUIDE FOR WORKSHOPS. Series D. By Joseph H. Chadbourne, Jr., et al. Institute for Environmental Education, 8911 Euclid Avenue, Cleveland, OH 44106; 197-. 16 p. $2.25

E-487 A REVIEW OF ENVIRONMENTAL EDUCATION FOR SCHOOL ADMINISTRATORS. ERIC Science, Mathematics and Environmental Education Clearinghouse, Center for Science and Mathematics Education, The Ohio State University, Columbus, OH 43210; 1971. 173 p. $4.05. Final report, vol. III of III. OEG-0-71-2732. Includes case studies, descriptions of selected programs.

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/040 ATTITUDES

E-18 THE ECOLOGY OF THE NEW CONSERVATION. By Clay Schoenfeld. Wildlife Management Institute, Wire Building, Washington, DC 20005; n.d. (19) p. Reprinted from Transactions of the Thirty-fifth North American Wildlife and Natural Resources Conference, March 7-10, 1971.

E-599 "THIS WORLD IS SO BEAUTIFUL. . ." FEELINGS AND ATTITUDES IN ENVIRONMENTAL EDUCATION. Instructional Activities Series IA/S-15. By Rodney F. Allen. National Council for Geographic Education, n.p., 1975. 8 p.

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/050 AUDIOVISUAL MATERIALS & METHODS

E-53 MAN AND HIS ENVIRONMENT: A NEW APPROACH TO ENVIRONMENTAL EDUCATION. Publication Sales Section, National Education Assn., 1201 Sixteenth St., NW, Washington, DC 20036; 1970. 1 col. filmstrip, 33 1/3 rpm record with inaudible signal, teaching guide. $17.00. "Designed to orient teachers, parents, school board members to an environmental learning curriculum. . ."

E-54 ENVIRONMENTAL CRISIS: WHAT THE INDIVIDUAL CAN DO. National Education Assn., Publication Sales Section, 1201 Sixteenth St., NW, Washington, DC 20036; 1970. 1 col. filmstrip, 33 1/3 rpm record with inaudible signal, teaching guide/script, pamphlet. $15.00

E-477 NATIONAL ENVIRONMENTAL EDUCATION DEVELOPMENT. Silver Burdett Company, 250 James Street, Morristown, NJ 07960; 1977. 4 col. filmstrips, 4 audio cassettes, 1 script. CONTENTS: Peopleparks (National Capital Parks).-The National Park Story.-Leisure: The Environmental Impact.-Life-styles: The Environmental Impact

E-549 PROJECT I-C-E: CATALOG OF MEDIA RESOURCES. Robert J. Warpinski, Project Director. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main St., Green Bay, WI 54301; 197-. 63 p. $1.50

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/080 COMMUNICATION

E-468 COMMON ENVIRONMENTAL TERMS: A GLOSSARY. Rev. Gloria J. Studdard, comp. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1974. 23 p. $.35 Stock no. 5501-00456

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/110 CURRICULUM

E-3 FUNDAMENTAL CONCEPTS FOR ENVIRONMENTAL MANAGEMENT EDUCATION (K-16). By Robert E. Roth. Center for Environmental Communications and Education Studies, University of Wisconsin - Madison, Madison, WI 53706; 1970. (24) p. Reprinted from the Spring 1970 issue of Environmental Education.

E-7 A PROPOSAL TO DEVELOP SUPPLEMENTARY MATERIALS UNDER THE TERMS OF THE ENVIRONMENTAL EDUCATION ACT. Board of Education, Corvallis School District 509J; 1971. about 45 l.

E-9 DEVELOPING ENVIRONMENTAL EDUCATION CURRICULUM MATERIAL. Prepared by Jonathan M. Wert. Environmental Education Section, Div. of Forestry, Fisheries, and Wildlife Development, Tennessee Valley Authority, Norris, TN 37828; 1974. 38 p.

E-11 DESIGNING AN ENVIRONMENTAL CURRICULUM. . . A PROCESS. General Education and Curricular Services, University of the State of New York, State Education Department, Washington Avenue, Albany, NY 12234; 19--. 47 p.

E-22 GROWTH IMPLICATIONS AND THE EARTH'S FUTURE: A STUDY OF CURRICULUM MATERIALS AND STUDENT VIEWS. By Marilyn Clayton Felt, et al. EDC School and Society Programs, 55 Chapel St., Newton, MA 02160; 1977. 149 p.

E-138 EKISTICS: A GUIDE FOR THE DEVELOPMENT OF AN INTERDISCIPLINARY ENVIRONMENTAL EDUCATION CURRICULUM. By Paul Brandwein, et al. California State Department of Education, 721 Capitol Mall, Sacramento, CA 95814; 1973. 69 p.

E-441 ENVIRONMENTAL EDUCATION: A THEMATIC APPROACH WITH THREE PRONGED INTEGRATION: GRADES 6-8. Environmental Education Office, 800 Highview Drive, Antioch, IL 60002; 197-. 1 vol. (various pagings) $4.15 Games and simulations.

E-442 ENVIRONMENTAL EDUCATION: A THEMATIC APPROACH WITH THREE PRONGED INTEGRATION. GRADES 9-12. Environmental Education Office, 800 Highview Drive, Antioch, IL 60002; 197-. 1 vol. (various pagings) $4.70 Includes gaming and simulation materials.

E-444** GUIDE FOR INTEGRATING ENVIRONMENTAL EDUCATION CONCEPTS INTO ELEMENTARY, HIGH SCHOOL AND POST-SECONDARY VOCATIONAL, TECHNICAL AND ADULT EDUCATION. Preliminary draft. Wisconsin Board of Vocational, Technical and Adult Education, 4802 Sheboygan Avenue, Madison, WI 53702; 1974. 557 p.

E-489 SELF-EARTH ETHIC: A LIFE-CENTERED K-12 CURRICULUM GUIDE FOR ENVIRONMENTAL EDUCATION. By John W. Hart and Jessie M. Turner. Interstate Printers & Publishers, Inc., 1927 Jackson St., Danville, IL 61832; 1972, 1973, 1974, 1975. 4 vol. $16.90

E-526 A HANDBOOK OF ENVIRONMENTAL ENCOUNTERS. By Donald E. Egge and Maurice Burchfield. Oregon Dept. of Education, 942 Lancaster Drive, NE, Salem, OR 97310; 1973. 139 p. $2.50

E-580 ENVIRONMENTAL EDUCATION GUIDE: ELECTIVE STUDIES. Robert J. Warpinski, Project Director. Project I-C-E, Instructional-Curriculum-Environmental, 1927 Main Street, Green Bay, WI 54301; 197-. 26 p. $.75

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/130 DEVELOPMENT

E-4 AFTER THE TEACH-INS------WHAT? By Clay Schoenfeld. n.p., 1970. 8 p. Reprinted from Environmental Education (vol. 2, no. 1, Fall 1970)

E-13 GUIDELINES FOR ENVIRONMENTAL EDUCATION: THE KENTUCKY PLAN. Prepared by the Kentucky Dept. of Education, Advisory Council for Environmental Education. Terry L. Wilson, Consultant, Environmental Education, Bureau of Instruction, 1817 Capital Plaza Tower, Frankfort, KY 40601; 1976? 25 p.

E-20 A GUIDE TO PLANNING AND CONDUCTING ENVIRONMENTAL STUDY AREA WORKSHOPS. National Education Association and National Park Service, US Dept. of the Interior. National Education Association, Washington, DC 20036; 1972. 50 p.

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/140 EDUCATION

E-14 EDUCATION FOR SURVIVAL. By James E. Allen, Jr., Office of Education, US Dept. of Health, Education and Welfare; for sale by the Supt. of Docs., US Government Print. Off., Washington,DC 20402; 1970. 5 p. 20¢ Reprinted from American Education, March 1970.

E-15 ENVIRONMENTAL EDUCATION IN ACTION. Soil Conservation Service, US Dept. of Agriculture; 1973? 22 p. Reprinted from SOIL CONSERVATION MAGAZINE

E-336 ENVIRONMENTAL DEGRADATION AND EDUCATION. By William L. Steif and George N. Arnstein. College and University Business, and Nation's Schools; 197-. (16) p. Reprinted from COLLEGE AND UNIVERSITY BUSINESS and NATION'S SCHOOLS.

E-429 ECOLOGY, ENVIRONMENT, AND EDUCATION. By R. Thomas Tanner. Professional Educators Publications, Inc., P.O. Box 80728, Lincoln, NB 68501; 1974 106 p. $1.75 Discusses major issues, programs and instructional materials, and professional development in EE.

E-439 AN ENVIRONMENTAL EDUCATION GUIDE FOR TEACHERS. Rev. Series C. By Peter A. Gail. Institute for Environmental Education, 8911 Euclid Avenue, Cleveland, OH 44106; 1976. 97 p. $4.50

E-525 ENVIRONMENTAL EDUCATION: A SOURCE BOOK FOR EDUCATORS. A QUESTION OF LIFE, ITS QUALITY AND ITS FUTURE. Developed by Alice D. Linder. South Carolina Dept. of Education, 1006 Rutledge Bldg., Columbia, SC 29201; 1976. 155 p. Includes program development, curriculum design, resources, etc.

E-531 THE CASE FOR ENVIRONMENTAL EDUCATION. By John C. Miles. Sierra Club, 530 Bush St., San Francisco, CA 94108; 1977. 4 p. Reprinted from the SIERRA CLUB BULLETIN, Nov./Dec. 1976.

E-561 ENVIRONMENTAL EDUCATION GUIDE: PHYSICAL EDUCATION K-6. Robert J. Warpinski, Project Director, Project I-C-E, Instruction-Curriculum-Environment, 1927 Main Street, Green Bay, WI 54301; 197-. 70 p. $2.25

E-570 ENVIRONMENTAL EDUCATION GUIDE: PHYSICAL EDUCATION 7-12. Rovert J. Warpinski, Project Director, Project I-C-E, Instruction-Curriculum-Environment, 1927 Main Street, Green Bay, WI 54301; 197-. 56 p. $.75

E-603 ENVIRONMENTAL EDUCATION IN ACTION--I: CASE STUDIES OF SELECTED PUBLIC SCHOOL AND PUBLIC ACTION PROGRAMS. Selected and edited by Clay Schoenfeld and John Disinger. ERIC Center for Science, Mathematics, and Environmental Education, The Ohio State University, 1200 Chambers Rd., Columbus, OH 43212; 1977. 343 p.

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/160 ENVIRONMENT

E-602 FUNDAMENTALS OF ENVIRONMENTAL EDUCATION. A paper developed by the Federal Interagency Committee on Education, Subcommittee on Environmental Education. US Dept. of Health, Education and Welfare, Office of the Assistant Secretary of Education, Washington, DC; 1976. 19 p. A framework incorporating fundamental concepts about the environment, not a manual on setting up an EE program of studies.

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/210 FACILITIES

E-8 DEVELOPING ENVIRONMENTAL STUDY AREAS. Prepared by Jonathan M. Wert. Environmental Education Section, Div. of Forestry, Fisheries, and Wildlife Development, Tennessee Valley Authority, Norris, TN 37828; 1974. 15 p.

E-16 OUTDOOR CLASSROOMS ON SCHOOL SITES. Soil Conservation Service; for sale by the Supt. of Docs., US Govt. Print. Office, Washington, DC 20402; 1972. 22 p. $.50 S/N 001-000-01458-7

E-19 NATIONAL ENVIRONMENTAL STUDY AREA: A GUIDE. Office of Environmental Interpretation, National Park Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1972. 57 p. $.75

E-465 ENVIRONMENTAL EDUCATION/FACILITY RESOURCES. Educational Facilities Laboratories, 477 Madison Avenue, New York, NY 10022; 1972. 63 p. $2.00

E-485 DIRECTORY OF NATURE CENTERS AND RELATED ENVIRONMENTAL EDUCATION FACILITIES. National Audubon Society, Nature Center Planning Division, 950 Third Avenue, New York, NY 10022; 1975. 124 p. $3.00

E-512 SOME QUESTIONS ASKED AND ANSWERED ABOUT OUTDOOR CLASSROOMS. Rev. By Chares E. Rorh. Massachusetts Audubon Society, South Great Road, Lincoln, MA 01773; 1972. 28 p. $1.25

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/230 GOVERNMENT

E-455 US ARMY CORPS OF ENGINEERS AND THE ENVIRONMENT. EP 360-1-10. Dept. of the Army, Off. of the Chief of Engineers, Washington, DC 20314; 1977. 13 p.

E-635 DON'T LEAVE IT ALL TO THE EXPERTS: THE CITIZEN'S ROLE IN ENVIRONMENTAL DECISION MAKING. US Environmental Protection Agency, Office of Public Affairs, Washington, DC 20460; 1972. 20 p. $.55

02.0003 ENVIRONMENTAL EDUCATION, GENERAL/270 INSTRUCTION

E-24 ENVIRONMENTAL LIVING PROGRAM. National Park Service, US Dept. of the Interior; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1976? 4 v. in 1 Describes a Forest Service program for providing "actual living, overnight experience for children that takes place at any cultural, historic or prehistoric site where the interaction and interdependency of man and his environment are presented."

E-96 ENVIRONMENTAL EDUCATION ACTIVITIES MANUAL: VOL. I. CONCERNING SPACESHIP EARTH. William B. Stapp and Dorothy A. Cox, eds. Distributed by the editors, 30808 LaMar, Farmington Hills, MI 48024; 1974. 96 p. Available as a set with nos. E-97-- E-101, unit price $10.00

E-97 ENVIRONMENTAL EDUCATION ACTIVITIES MANUAL: VOL. II: LOWER ELEMENTARY ACTIVITIES. William B. Stapp and Dorothy A. Cox, eds. Distributed by the editors, 30808 LaMar, Farmington Hills, MI 48024; 1974. 137 p. Available as a set with nos. E-96, E-98-- E-101, unit price $10.00

E-98 ENVIRONMENTAL EDUCATION ACTIVITIES MANUAL: VOL. III: MIDDLE ELEMENTARY ACTIVITIES. William B. Stapp and Dorothy A. Cox, eds. Distributed by the editors, 30808 LaMar, Farmington Hills, MI 48024; 1974. 154 p. Available as a set with nos. E-96, 97, E-99 --101, unit price $10.00

E-99 ENVIRONMENTAL EDUCATION ACTIVITIES MANUAL: VOL. IV: UPPER ELEMENTARY ACTIVITIES. William B. Stapp and Dorothy A. Cox, eds. Distributed by the editors, 30808 LaMar, Farmington Hills, MI 48024; 1974. 172 p. Available as a set with nos. E-96--98, E-100--101. Unit Price $10.00

E-100 ENVIRONMENTAL EDUCATION ACTIVITIES MANUAL: VOL. V: JUNIOR HIGH ACTIVITIES. William B. Stapp and Dorothy A. Cox, eds. Distributed by the editors, 30808 LaMar, Farmington Hills, MI 48024; 1974. 201 p. Available as a set with nos. E-96--E-99, E-101, unit price $10.00

E-101 ENVIRONMENTAL EDUCATION ACTIVITIES MANUAL: VOL. VI: SENIOR HIGH ACTIVITIES. William B. Stapp and Dorothy A. Cox, eds. Distributed by the editors, 30808 LaMar, Farmington Hills, MI 48024; 1974. 214 p. Available as a set with nos. E-96--E-100, unit price $10.00

E-136 FIRST STEPS IN ECOLOGY: A GUIDE FOR THE ELEMENTARY GRADES. By Beverly Bense, et al. Eco-kids Environmental Education Program, Ecology Center, Berkeley, CA 94704; 1975. 110 p. $4.00

E-140 ENVIRONMENTAL EDUCATION TEACHING RESOURCES: PROJECTS FOR ENVIRONMENTAL PROBLEM-SOLVING. Based on materials developed by Jonathan Wert and by Alice Cummings, Shirley McCune and Margaret Jones. Teacher Rights, National Education Association of the United States. 23 p. $1.00

E-443 A CURRICULUM ACTIVITIES GUIDE TO WATER POLLUTION AND ENVIRONMENTAL STUDIES: ACTIVITIES. By John T. Hershey, et al. Training Grants Branch, Office of Water Problems, US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1972. 217 p. $2.75 Upper secondary level

E-474 SUGGESTED ACTIVITIES USING THE SCHOOL AND ITS SURROUNDINGS AS A RESOURCE FOR ENVIRONMENTAL EDUCATION. Group for Environmental Education. ERIC Document Reproduction Service, Box 190, Arlington, VA 22210; 1972. 12 p. $1.75 ED 106-054

E-550 ENVIRONMENTAL EDUCATION GUIDE: KINDERGARTEN. Robert J. Warpinski, Project Director. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main Street, Green Bay, WI 54301; 197-. 106 p. $3.00

E-551 ENVIRONMENTAL EDUCATION GUIDE: GRADE ONE. Robert J. Warpinski, Project Director. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main Street, Green Bay, WI 54301; 197-. 116 p. $3.75

E-552 ENVIRONMENTAL EDUCATION GUIDE: GRADE TWO. Robert J. Warpinski, Project Director. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main Street, Green Bay, WI 54301; 197-. 104 p. $3.00

E-553 ENVIRONMENTAL EDUCATION GUIDE: GRADE THREE. Robert J. Warpinski, Project Director. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main Street, Green Bay, WI 54301; 197-. 125 p. $3.75

E-554 ENVIRONMENTAL EDUCATION GUIDE: GRADE FOUR. Robert J. Warpinski, Project Director. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main Street, Green Bay, WI 54301; 197-. 121 p. $3.75

E-555 ENVIRONMENTAL EDUCATION GUIDE: GRADE FIVE. Robert J. Warpinski, Project Director. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main Street, Green Bay, WI 54301; 197-. 136 p. $3.75

E-556 ENVIRONMENTAL EDUCATION GUIDE: GRADE SIX. Robert J. Warpinski, Project Director. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main Street, Green Bay, WI 54301; 197-. 109 p. $3.00

E-581 ENVIRONMENTAL EDUCATION GUIDE: INDUSTRIAL ARTS 7-12. Robert J. Warpinski, Project Director. Project I-C-E, Instructional-Curriculum-Environmental, 1927 Main Street, Green Bay, WI 54301; 197-. 103 p. $3.00

E-582 ENVIRONMENTAL EDUCATION GUIDE: INDUSTRIAL ARTS 9-12. Robert J. Warpinski, Project Director. Project I-C-E, Instructional-Curriculum-Environmental, 1927 Main Street, Green Bay, WI 54301; 197-. 85 p. $2.25

E-583 ENVIRONMENTAL EDUCATION GUIDE: AGRICULTURE. Robert J. Warpinski, Project Director. Project I-C-E, Instructional-Curriculum-Environmental, 1927 Main St., Green Bay, WI 54301 197-. 104 p. $3.00

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/320 LIBRARY MATERIALS

E-12 HOW TO USE ERIC: ENVIRONMENTAL EDUCATION. ERIC Information Analysis Center for Science, Mathematics, and Environmental Education, 400 Lincoln Tower, The Ohio State University, Columbus, OH 43210; 197-. 12 1.

E-452 ENVIRONMENTAL BIBLIOGRAPHY FOR HIGH SCHOOL TEACHERS. Committee for Environmental Information, 560 Trinity Ave., St. Louis, MO. 63130; n.d. 1 1.

E-483 MATERIALS FOR ENVIRONMENTAL EDUCATION. By David C. Engleson, Environmental Education, Wisconsin Department of Public Instruction, 126 Langdon Street, Madison, WI 53702; 1974. 12 p.

E-527 ENVIRONMENTAL EDUCATION: AN ANNOTED BIBLIOGRAPHY OF SELECTED MATERIALS AND SERVICES AVAILABLE. By Alice Cummings, et al. National Education Association, 1201 Sixteenth St. NW, Washington, DC 20036; 1976? 24 p. NEA Stock No. 381-12096

E-548 A BIBLIOGRAPHY OF BOOKS TO INFLUENCE ENVIRONMENTAL ATTITUDES IN CHILDREN. By R. Bruland, University of Wisconsin-Green Bay, Green Bay, WI 54302; n.d. 4 p.

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/380 PERSONNEL AND GROUPS

E-21 A MANUAL FOR A VOLUNTEER FIELD AIDE PROGRAM. By Allie Quinn. Hanover Conservation Council, Regional Center for Educational Training, Wilson Hall, Hanover, NH; 197-. 66 p. $1.50

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/410 PROGRAMS

E-2 ENVIRONMENTAL EDUCATION IN ACTION. Soil Conservation Service, US Dept. of Agriculture; 1973? 22 p. Reprinted from SOIL CONSERVATION MAGAZINE.

E-5 A GUIDE TO ESTABLISHING ENVIRONMENTAL EDUCATION PROGRAMS IN MUNICIPAL PARKS. By Kenneth Bradley and Robert Stanley. Dept. of Leisure Studies and Services, University of Massachusetts; Springfield, MA; 1972. 13 1. Grades 4-college

E-6 ENVIRONMENTAL EDUCATION IN WISCONSIN: A FOUNDATION FOR CONSERVING ENVIRONMENTAL QUALITY. Prepared by the Wisconsin Environmental Education Council, 610 Langdon St., Madison, WI 53706; 1974. 21 p.

E-17 ENVIRONMENTAL EDUCATION IN ACTION II. Soil Conservation Service, US Dept. of Agriculture; 1975? (23) p. Reprinted from SOIL CONSERVATION MAGAZINE

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/450 RESEARCH

E-486 A REVIEW OF ENVIRONMENTAL EDUCATION FOR TEACHERS OF URBAN/DISADVANTAGED. Eric Science, Mathematics and Environmental Education Clearing-house, Center for Science & Mathematics Education, The Ohio State University, Columbus, OH 43210; 1971. 162 p. $4.05 Final Report, Volume II of III. OEG-0-71-2732. Includes descriptions of selected EE programs.

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/460 RESOURCES

E-26 WE CAN HELP! ENVIRONMENTAL EDUCATION TEACHING RESOURCES. Fish and Wildlife Service, US Dept. of the Interior; available from Jenny Publishing Co., 57 Queen Ave. South, Minneapolis, MN 55405; 1975. 6 v. in 1 $15.00 CONTENTS: Teacher's guide.-Face to Face: building community programs for environmental education.-Educational use of public lands.-Environmental education methods for teachers.-24 Outdoor classroom environmental education guides.

E-135 RECOMMENDED MATERIALS IN ENVIRONMENTAL EDUCATION. Compiled by Marda Woodbury. Ecology Center, 2179 Allston Way, Berkeley, CA 94704; 1976? 24 p. $.50

E-475 A BEGINNING. Rev. 3rd ed. by Mary K. Healey and Phyllis Root. Prepared for the Sierra Club Conference on Education for Environmental Awareness. ERIC Document Reproduction Service Box 190, Arlington, VA 22210; 1973. 61 p. $3.50 ED 113-143 Lists resources for environmental education.

E-476 HOW TO TAKE THE CLASSROOM OUT INTO THE ENVIRONMENT: A RESOURCE GUIDE. ERIC Information Analysis Center for Science, Mathematics and Environmental Education; available from ERIC Document Reproduction Service, P.O. Box 190, Arlington, VA 22210; 1975. 24 p. $2.50 ED 125-856

E-509 A GUIDE TO ENVIRONMENTAL INFORMATION IN UNIVERSITY OF WISCONSIN-MADISON FOR OTHER MADISON AREA LIBRARIES AND READING ROOMS. Comp. by Michael R. Rouse. Center for Environmental Communications and Education Studies and School of Natural Resources, 433 N. Murray Street, University of Wisconsin-Madison, Madison, WI 53706; 1977. 43 p.

02.0000 ENVIRONMENTAL EDUCATION, GENERAL/510 TECHNIQUES

E-10 HOW TO TEACH WILDERNESS CONSERVATION. Edited by Thelma Carder. Conservation Education Committee, San Francisco Bay Chapter, Sierra Club; rev. 1968. 32 p.

E-23 HOW TO TEACH ABOUT HUMAN BEINGS AND THEIR ENVIRONMENT. How To Do It Series no. 28. By Richard O. Peters. National Council for the Social Studies, 1515 Wilson Boulevard, Arlington, VA 22209; 1976. 6 p.

E-315 OTHER HOMES AND GARBAGE: DESIGNS FOR SELF-SUFFICIENT LIVING. By Jim Leckie, et al. Sierra Club Books, Box 9059, Rincon Annex, San Francisco, CA 94120; 1975. 302 p. $8.95 Immensely detailed compilation of information on alternate energy sources, energy-efficient housing, waste disposal, etc.

02.0101 ENVIRONMENTAL EDUCATION, HUMANITIES/160 ENVIRONMENT

E-508 ART/ENVIRONMENTAL AESTHETICS: A SUPPLEMENT FOR THE SECONDARY SCHOOLS. By Dennis McLaughlin and Richard Doornek. Department of Elementary and Secondary Education, Division of Curriculum and Instruction, Milwaukee Public Schools, 5225 W. Vleit Street, Milwaukee, WI 53208; 1973. 21 p.

02.0101 ENVIRONMENTAL EDUCATION, HUMANITIES/260 HUMANITIES

E-472 WRITERS AND THE ENVIRONMENTS. The Elective Program in English. By Marilyn Cooper. Dept. of Elementary and Secondary Education, Div. of Curriculum and Instruction, Milwaukee Public Schools, 5225 W. Vliet St., Milwaukee, WI 53208; 1973. 27 p. $.50

E-524 GROKKING THE FUTURE: SCIENCE FICTION IN THE CLASSROOM. By Bernard C. Hollister, et al. Pflaum/Standard, 2285 Arbor Blvd., Dayton, OH 45439; 1973. 168 p. $4.50

E-557 ENVIRONMENTAL EDUCATION GUIDE: MUSIC K-3. Robert J. Warpinski, Project Director. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main Street, Green Bay, WI 54301; 197-. 52 p. $1.50

E-558 ENVIRONMENTAL EDUCATION GUIDE: MUSIC 4-6. Robert J. Warpinski, Project Director. Project I-C-E. 72 p. $2.25

E-559 ENVIRONMENTAL EDUCATION GUIDE: ART K-3 Robert J. Warpinski, Project Director, Project I-C-E. 58 p. $1.50

E-560 ENVIRONMENTAL EDUCATION GUIDE: ART 4-6. Robert J. Warpinski, Project Director. Project I-C-E. 72 p. $2.25

E-597 ENVIRONMENT AND THE HUMANITIES. Rodney F. Allen, David E. LaHart and C. Richard Tillis, eds., Florida Dept. of Education, Tallahassee, FL 32304; 1976. 36 p. Report of a conference on the role of the humanities in environmenta' education.

02.0101 ENVIRONMENTAL EDUCATION, HUMANITIES/270 INSTRUCTION

E-522 ENVIRONMENTAL EDUCATION ACTIVITIES FOR THE ENGLISH LANGUAGE ARTS PROGRAM IN THE JUNIOR AND SENIOR HIGH SCHOOLS. Milwaukee Public Schools, Instructional Resource-Media Center, P.O. Drawer 10K, Milwaukee, WI 53210; 1972. 40 p. $1.00

E-568 ENVIRONMENTAL EDUCATION GUIDE: MUSIC 7-9. Robert J. Warpinski, Project Director. Project I-C-E, Instructional - Curriculum-Environment, 1927 Main Street, Green Bay, WI 54301; 197-. 44 p. $1.50

E-569 ENVIRONMENTAL EDUCATION GUIDE: ART 7-9. Robert J. Warpinski, Project Director. Project I-C-E. 88 p. $2.25

E-575 ENVIRONMENTAL EDUCATION GUIDE: MUSIC 10-12. Robert J. Warpinski, Project Director. Project I-C-E. 22 p. $.75

E-576 ENVIRONMENTAL EDUCATION GUIDE: ART 10-12. Robert J. Warpinski, Project Director. Project I-C-E. 72 p. $2.25

E-578 ENVIRONMENTAL EDUCATION GUIDE: WORLD HISTORY. Robert J. Warpinski, Project Director. Project I-C-E. 30 p. $1.15

E-579 ENVIRONMENTAL EDUCATION GUIDE: AMERICAN HISTORY. Robert J. Warpinski, Project Director, Project I-C-E. 26 p. $.75

02.0101 ENVIRONMENTAL EDUCATION, HUMANITIES/230 LANGUAGE & SPEECH

E-564 ENVIRONMENTAL EDUCATION GUIDE: LANGUAGE ARTS 7-8. Robert J. Warpinski, Project Director, Project I-C-E, Instruction-Curriculum-Environment, 1927 Main Street, Green Bay, WI 54301; 197-. 76 p. $2.25

E-574 ENVIRONMENTAL EDUCATION GUIDE: LANGUAGE ARTS 9-12. Robert J. Warpinski, Project Director, Project I-C-E. 80 p. $2.25

02.0102 ENVIRONMENTAL EDUCATION, MATHEMATICS/270 INSTRUCTION

E-523 JUNIOR HIGH MATHEMATICS ACTIVITIES AND PROBLEMS IN ENVIRONMENTAL EDUCATION: A TEACHER'S GUIDE. Milwaukee Public Schools, Instructional Resources-Media Center, P.O. Drawer 10K, Milwaukee, WI 53201; 1972. 49 p. $1.00

E-562 ENVIRONMENTAL EDUCATION GUIDE: MATHEMATICS 7. Robert J. Warpinski, Project Director. Project I-C-E. 44 p. $1.50

E-563 ENVIRONMENTAL EDUCATION GUIDE: MATHEMATICS 8. Robert J. Warpinski, Project Director. Project I-C-E. 46 p. $1.50

E-572 ENVIRONMENTAL EDUCATION GUIDE: GENERAL MATH 9-12. Robert J. Warpinski, Project Director. Project I-C-E. 87 p. $2.25

E-573 ENVIRONMENTAL EDUCATION GUIDE: MATHEMATICS 9-12. Robert J. Warpinski, Project Director. Project I-C-E. 84 p. $2.25

02.0103 ENVIRONMENTAL EDUCATION, PHYSICAL SCIENCES/070 BIOLOGY

E-567 ENVIRONMENTAL EDUCATION GUIDE: LIFE SCIENCE Robert J. Warpinski, Project Director. Project I-C-E. 38 p. $1.15 Grade 7-8

E-585 ENVIRONMENTAL EDUCATION GUIDE: BIOLOGY. Robert J. Warpinski, Project Director. Project I-C-E. 120 p. $3.75

02.0103 ENVIRONMENTAL EDUCATION, PHYSICAL SCIENCES/270 INSTRUCTION

E-521 ACTIVITIES FOR ENVIRONMENTAL CHEMISTRY. Milwaukee Public Schools, Instructional Resources -Media Center, P.O. Drawer 10K, Milwaukee, WI 53201; 1972. 64 p. $1.00

E-566 ENVIRONMENTAL EDUCATION GUIDE: EARTH SCIENCE. Robert J. Warpinski, Project Director. Project I-C-E. 30 p. $1.15

E-584 ENVIRONMENTAL EDUCATION GUIDE: PHYSICAL SCIENCE. Robert J. Warpinski, Project Director. Project I-C-E. 26 p. $.75

E-586 ENVIRONMENTAL EDUCATION GUIDE: CHEMISTRY. Robert J. Warpinski, Project Director. Project I-C-E. 44 p. $1.50

E-587 ENVIRONMENTAL EDUCATION GUIDE: PHYSICS. Robert J. Warpinski, Project Director. Project I-C-E. 42 p. $1.50

02.0104 ENVIRONMENTAL EDUCATION, SOCIAL SCIENCES/110 CURRICULUM

E-471 ADDENDA TO HOME ECONOMICS CURRICULUM GUIDES: ENVIRONMENTAL EDUCATION (WORK COPY). By Minnie M. Toles, Mary F. Perry and Patricia Pelky. Div. of Curriculum and Instruction, Milwaukee Public Schools, 5225 Vliet St., Milwaukee, WI 53208; 1972. 1 vol. $2.00

02.0104 ENVIRONMENTAL EDUCATION, SOCIAL SCIENCES/270 INSTRUCTION

E-25 THE PROCESS OF CHOICE. Our Man-Made Environment Series. By Alan Levy. The MIT Press and GEE! The Group for Environmental Education, Inc., 1214 Arch St., Philadelphia, PA 19107; 1973. 5 vol. in 1. CONTENTS: Introduction; What You Want; Your Resources; What You Are Allowed To Do; How You Make Choices. Middle school workbooks.

E-460 ENVIRONMENTAL ISSUES: A COURTROOM SIMULATION. By Robert McLagan. Environmental Education Coordinator, Bureau of Land Management, US Dept. of the Interior, Washington, DC 20240; n.d. 14 l. Grades 11-12, college or adult.

E-565 ENVIRONMENTAL EDUCATION GUIDE: SOCIAL STUDIES 7-8. Robert J. Warpinski, Project Director, Project I-C-E, Instruction-Curriculum-Environment, 1927 Main St., Green Bay, WI 54301; 197-. 26 p. $2.25

E-571 ENVIRONMENTAL EDUCATION GUIDE: HOME ECONOMICS 7-12. Robert J. Warpinski, Project Director, Project I-C-E, Instruction-Curriculum-Environment, 1927 Main St., Green Bay, WI 54301; 197-. 110 p. $3.75

E-577 ENVIRONMENTAL EDUCATION GUIDE: CIVICS. Robert J. Warpinski, Project Director, Project I-C-E, Instruction-Curriculum-Environment, 1927 Main St., Green Bay, WI 54301; 197-. 38 p. $1.15

02.0108 ENVIRONMENTAL EDUCATION, OCCUPATIONS/020 ADMINISTRATION

E-638 ADMINISTRATIVE FACTORS AND ACTIONS IN INITIATING TWO-YEAR POST HIGH SCHOOL ENVIRONMENTAL CONTROL TECHNOLOGY PROGRAMS: A SUGGESTED GUIDE. By Albert V. Payne. Mohawk Valley Community College, Utica, NY 13501; 1972. 73 p.

02.0108 ENVIRONMENTAL EDUCATION, OCCUPATIONS/110 CURRICULUM

E-628 CAREER AWARENESS IN AGRIBUSINESS, RENEWABLE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION: A CURRICULUM GUIDE FOR GRADES K-6. By Dorothy Lawson, et al. Ohio Career Education and Curriculum Management Laboratory in Agricultural Education, The Ohio State University, Columbus, OH 43210; 1974. 1 vol. (various pagings) $4.50

E-629 CAREER EXPLORATION IN AGRIBUSINESS, RENEWABLE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION: A CURRICULUM GUIDE FOR GRADES 7-9. By Dorothy Lawson, et al. Ohio Career Education and Curriculum Management Laboratory in Agricultural Education, The Ohio State University, Columbus, OH 43210; 1974. 1 vol. (various pagings) $4.50

E-644 CAREER PREPARATION IN ENVIRONMENTAL PROTECTION: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. Test edition. Ohio Career Education and Curriculum Management Laboratory in Agricultural Education, The Ohio State University, Columbus, OH 43210; 1974. 328 p.

02.0108 ENVIRONMENTAL EDUCATION, OCCUPATIONS/140 EDUCATION

E-625 IMPROVING THE ENVIRONMENT: EDUCATION FOR CAREERS IN ENVIRONMENTAL QUALITY. By Samuel C. Morris. n.p.; n.d. 5 p. From Illinois Career Education Journal, 30:2, Winter 1973.

E-626 ENVIRONMENTAL CAREER EDUCATION TO MEET THE NATION'S MANPOWER NEEDS. By Walter J. Brooking. n.p.; n.d. 23 p. Presented at the Eighteenth Annual Tutorial Program of the Institute of Environmental Sciences, May 3, 1972.

E-630** CAREER EDUCATION IN THE ENVIRONMENT: A HANDBOOK. Olympus Research Corp., 818 18th St., NW, Washington, DC 20006; 197-. 1 vol. (various pagings) $3.50

E-633 POPEYE AND ENVIRONMENTAL CAREERS. Popeye E-2R. King Features, 235 E. 4th St., New York, NY 10017; 1973. (32) p.

02.0108 ENVIRONMENTAL EDUCATION, OCCUPATIONS/350 OCCUPATIONS

E-235 ENVIRONMENTAL CAREERS. A career concise guide. By James and Lynn Hahn. Franklin Watts, Inc., 845 Third Ave., New York, NY 10022; 1976. 66 p. $3.50

E-426 CAREERS IN ENVIRONMENTAL PROTECTION. By Reed Millard and the editors of Science Book Associates. Julian Messner, Inc., 1 W. 39th St., New York, NY 10018; 1975. 188 p. $6.25

E-467 WORKING TOWARD A BETTER ENVIRONMENT--CAREER CHOICES. Rev. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1977. 14 p. $.40 Stock no. 5500-00130

E-621** HANDBOOK ON CAREERS RELATING TO THE ENVIRONMENT. Preliminary edition. Prepared by the Illinois Task Force for Environmental Occupations. Illinois Office of Education, Div. of Vocational and Technical Education, 1035 Outer Park Dr., Springfield, IL 62706; 1973? 52 p.

02.0200 ECOLOGY/020 ADMINISTRATION

E-83 HANDBOOK FOR ECOLOGY ACTION. By Ronald Eber. Sierra Club Books, Box 7959, Rincon Annex, San Francisco, CA 94120; 1972. 56 p. $1.00

02.0200 ECOLOGY/040 ATTITUDES

E-31 TOWARD A NEW ENVIRONMENTAL ETHIC. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1971. 24 p. $.60 Stock no. 5500-0031

E-56 DECIDING HOW TO LIVE ON SPACESHIP EARTH: THE ETHICS OF ENVIRONMENTAL CONCERN. Values Education Series. McDougal, Littell & Co., Box 1667, Evanston, IL; 1975, c1973. 133 p. $3.25

02.0200 ECOLOGY/050 AUDIOVISUAL MATERIALS & METHODS

E-49 WHAT IS ECOLOGY? By Harold W. Sims, produced and edited by Lucie B. McCandless. Schloat Productions, Prentice-Hall Media, 150 White Plains Road, Tarrytown, NY 10591; 1972. 1 col. filmstrip (102 frames), 1 audio-cassette (running time 18 min.) and 1 teacher's guide $26.00

E-133 ECOLOGY: INTERACTIONS AND ENVIRONMENTS. Scott Education Div., Prentice-Hall Media; 1971. 7 col. filmstrips, 7 audio-cassettes and 1 teacher's guide. $116.00. For a science class or individual study.

E-432 ECO-KIT. By Harry O. Haakonsen, E-P Education Service, 21 Merritt St., Hamden, CT 06511; 1975? 19 col. slides, 3 audio-cassettes, 1 instructor's manual. $30.00 CONTENTS: Fundamentals of Ecology.-Noise Pollution.-Population II.

E-451 HOW TO PRESENT AUDIBLE MULTI-IMAGERY IN ENVIRONMENTAL ECOLOGICAL EDUCATION. By Pascal L. Trohanis. National Science Teachers Assn., 1201 Sixteenth St., NW, Washington, DC 20036; 1971. 8 p. $.60

02.0200 ECOLOGY/070 BIOLOGY

E-55 EARTHWATCHING. University of Wisconsin Sea Grant College Program (Public Information Report 16), and the Institute for Environmental Studies, University of Wisconsin-Madison (Special Report #1); available from Sea Grant Communications Office, 1225 W. Dayton St., Madison, WI 53706; 1974. 221 p. $1.00 "A collection of scripts from the first year of Earthwatch/Radio"

E-63 MAN, NATURE, CITY: THE URBAN ECOSYSTEM. Urban Ecology Series, No. 1. National Park Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1974. (20) p. $.35

E-430 CONSERVATION FOR SURVIVAL: AN ECOLOGICAL STRATEGY. By Kai Curry-Lindahl. William Morrow & Company, Inc., 105 Madison Ave., New York, NY 10016; 1972. 335 p. $7.95

02.0200 ECOLOGY/080 COMMUNICATION

E-34 COMMON ENVIRONMENTAL TERMS: A GLOSSARY. Compiled by Gloria J. Studdard. US Environmental Protection Agency, Washington, DC 20460; rev. 1974. 22 p.

E-93 AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS. By Thomas R. Stitt. Dept. of Agricultural Industries, School of Agriculture, Southern Illinois University, Carbondale, IL 62901; 1974? 30 p.

02.0200 ECOLOGY/100 CULTURE

E-106 THE HISTORICAL ROOTS OF OUR ECOLOGICAL CRISES. By Lynn White, Jr. n.p.; 1967. 9 p. Published in SCIENCE 155: 1203-1207 (1967).

02.0200 ECOLOGY/110 CURRICULUM

E-39 AN OUTLINE FOR TEACHING CONSERVATION IN ELEMENTARY SCHOOLS. Soil Conservation Service, US Dept. of Agriculture, Washington, DC; 1971. 14 p.

E-88 ENVIRONMENTAL EDUCATION HANDBOOK. Office of the Superintendent of Public Instruction, Helena, MT 59601; 1972. 268 p.

E-89 ENVIRONMENTAL EDUCATION GUIDE K-12. Divisions of Elementary, Secondary, and Vocational Education, Virginia State Dept. of Education, Richmond, VA 23216; 1974. 92 p.

E-112 KENTUCKY'S ENVIRONMENTAL EDUCATION PROGRAM: SIGHTS AND SOUNDS 4-6. By Jean Ausmus, et al. Div. of Program Development, Bureau of Instruction, Kentucky Dept. of Education, Frankfort, KY; 197-. 37 l. 4 Lesson plans

02.0200 ECOLOGY/140 EDUCATION

E-46 THE ANATOMY OF A MOVEMENT. By Clay Schoenfeld. Center for Environmental Communications and Education Studies, University of Wisconsin-Madison, WI 53706; 1972. 14 p.

E-108 TO SAVE THE EARTH. By Franklin Gross and Dennis Corso. National Wildlife Federation, 1412 Sixteenth St. NW, Washington, DC 20036; 1971. 16 p. 10¢ "A tool kit to measure environmental quality in your own home town." For teachers.

E-511 CURRICULUM OVERVIEW FOR DEVELOPING ENVIRONMENTALLY LITERATE CITIZENS. Rev. By Charles E. Roth. Massachusetts Audubon Society, South Great Road, Lincoln, MA 01773; 1974. 18 p. $1.25 General discussion of what is involved in EE.

02.0200 ECOLOGY/160 ENVIRONMENT

E-48 THE ABCD'S OF ECOLOGY. By Clay Schoenfeld. Center for Environmental Communications and Education Studies, University of Wisconsin-Madison, WI 53706; 1970. 14 p. Reprinted from EVERYBODY'S ECOLOGY, Barnes, 1971.

E-59 A ZOOLOGIST'S RESPONSIBILITY TO OUR LIVING ENVIRONMENT. By Arthur D. Hasler. n.p.; n.d. 3 p. Reprinted from AMERICAN ZOOLOGIST, 12:9-11 (1972).

E-60 TECHNOLOGY ASSESSMENT IN THE CITY: THE URBAN ECOSYSTEM. Urban Ecology Series, no. 7. National Park Service, US Dept. of Interior, Washington, DC; 1975. (21) p.

E-61 THE CITY AS A BIOLOGICAL COMMUNITY: THE URBAN ECOSYSTEM. Urban Ecology Series, no. 5. National Park Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1974. (25) p. $.40

E-114 CONSIDER THE PROCESS OF LIVING. By William H. Eddy, Jr., Gonzalo S. Leon, and Robert C. Milne. The Conservation Foundation, 1717 Massachusetts Avenue NW, Washington, DC 20036; 1972. 125 p. $5.95

E-115 ENVIRONMENT: CHALLENGE/RESPONSE. American Revolution Bicentennial Administration?; for sale by the Supt. of Docs., Washington, DC 20402; 1976. 21 p. $.55 Stock no. 023-000-00348-1

E-127 OF DEMOCRACY, TRUTH, AND COURAGE: STUDIES OF ENVIRONMENTAL ACTION. By Thomas Tanner. n.p.; 1976. 1 v. Includes Instructor's Guide and Student Edition. Student Edition contains a photo folio and 67 spirit masters.

E-139 THE ECOLOGICAL CONTEXT. By John McHale. George Braziller, Inc., 7071 Convoy Ct., San Diego, CA 92111; 1970. 188 p. $7.95 Sophisticated discussion of the effects of technology on food and population, energy, materials, etc.

E-431 THE ENVIRONMENT: A HUMAN CRISIS. By Michael D. Piburn. Hayden Book Company, Inc., 50 Essex Street, Rochelle Park, NJ 07662; 1974. 151 p. $3.45

E-484 THE ENVIRONMENTAL CRISIS: MAN'S STRUGGLE TO LIVE WITH HIMSELF. By Harold W. Helfrich, Jr., ed. Yale University Press, 92A Yale Station, New Haven, CT 06520; 1970. 187 p. $2.95

E-517 THE ENVIRONMENTAL CRISIS: WILL WE SURVIVE? 2nd ed. By Charles B. Myers and C. Barry Knisley. Prentice-Hall, Inc., Englewood Cliffs, NJ 07632; 1976. 117 p. $3.00

E-594 TWELVE MAJOR CONCEPT CATEGORIES AND THEIR RATIONALE. By George Howlett. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main Street, Green Bay, wI 54301; 197-. 6 p.

02.0200 ECOLOGY/180 EVALUATION

E-82 NATIONAL WILDLIFE EQ INDEX 1977: THE YEAR OF THE INVISIBLE CRISIS. National Wildlife Federation, 1412 Sixteenth St. NW, Washington, DC 20036; 1977. 15 p. Reprinted from the Feb.-March. 1977 issue of NATIONAL WILDLIFE.

E-132 ENVIRONMENTAL QUALITY: ANNUAL REPORT OF THE COUNCIL ON ENVIRONMENTAL QUALITY. Council on Environmental Quality; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402. V. Library has: 1973, 1974, 1975, 1976

02.0200 ECOLOGY/210 FACILITIES

E-178 NATIONAL ENVIRONMENTAL STUDY AREA: A GUIDE. US Dept. of the Interior, National Park Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 197-. 57 p. $1.20 Stock no. 2405-00484 Discusses concept of national environmental study areas; how to establish one locally

E-491 OUTDOOR EDUCATION EQUIPMENT: PLANS FOR EASY-TO-MAKE ITEMS. By Russel E. Bachert, Jr. and Emerson L. Snooks. Interstate Printers & Publishers, Inc., 19-27 N. Jackson Street, Danville, IL 61832: 1974. 204 p. $8.50

02.0200 ECOLOGY/230 GOVERNMENT

E-32 IN PRODUCTIVE HARMONY: A BRIEF EXPLANATION OF ENVIRONMENTAL IMPACT STATEMENTS. Office of Public Affairs, US Environmental Protection Agency, Washington, DC 20460; 1976. 12 p.

E-33 OUR ENDANGERED WORLD: ABC'S OF HUMAN ECOLOGY. By Channing L. Bete Co., Inc. US Environmental Protection Agency, Washington DC 20460; 1976. 15 p.

E-37 ENVIRONMENTAL IMPACT ASSESSMENT: A PROCEDURE. By Lloyd V. Stover. STV, Inc., Pottstown, PA 19464; 1972. 25 p.

E-38 TOWARD A SYSTEMATIC APPROACH TO ENVIRONMENTAL IMPACT REVIEW. Edited by Marian S. Baumgold and Gordon A. Enk. The Institute on Man and Science, Rensselaerville, NY; 1972. 59 p.

E-47 CASE STUDY: WILD HORSES, PEOPLE, AND THE BUREAU OF LAND MANAGEMENT FOUR YEARS AFTER PUBLIC LAW 92-195. By Gordon A. Knight. Center for Environmental Communications and Education Studies, University of Wisconsin-Madison, WI 53706; 1975. 15 p.

E-58 A LOAN, NOT A GIFT. By Douglas M. Costle. Office of Public Affairs, US Environmental Protection Agency, Washington, DC 20402; 1977. 12 p. Address before the National Wildlife Federation and the National Association of Manufacturers.

E-72 THE NATIONAL WILDERNESS PRESERVATION SYSTEM. By Ted Snyder. Sierra Club, 530 Bush St., San Francisco, CA; 1976? 3 p. Reprinted from the SIERRA CLUB BULLETIN, October, 1976.

E-118 THE CITIZEN AND ENVIRONMENTAL POLICY: SOMETHING TO THINK ABOUT. By Sheldon Kinsel. National Wildlife Federation, 1412 Sixteenth Street, NW, Washington DC 20036; 1977. 7 p. single copy free, additional copies 10¢

E-129 ACTION FOR WILDERNESS. Sierra Club Battlebook no. 7. Edited by Elizabeth R. Gillette. Sierra Club Books, Box 7959, Rincon Annex, San Francisco, CA 94120; 1972. 222 p. $2.25

E-131 THE GRASS ROOTS PRIMER: HOW TO SAVE YOUR PIECE OF THE PLANET--BY THE PEOPLE WHO ARE ALREADY DOING IT. Edited by James Robertson and John Lewallen. Sierra Club Books, Box 7959, Rincon Annex, San Francisco, CA 94120; 1975. 287 p. $7.95

E-141 ENVIRONMENTAL IMPACT EVALUATION: PROCEDURES FOR WISCONSIN'S RECREATION-TOURISM INDUSTRY. By William H. Tishler and Terry S. Siemsen. Cooperative Extension Programs, University of Wisconsin Extension; 1975. 20 p. $.35

E-447 ECOLOGY ACTION: THE JOURNAL OF CULTURAL TRANSFORMATION. VOLUME 2, NO. 1. Ecology Action Educational Institute, Box 3895, Modesto, CA 95352; 1971. 40 p. This issue of the magazine deals with the history of ecology and the impact of local governments on ecology; with a strong emphasis on conditions in California.

E-453 THE CORPS IN PERSPECTIVE SINCE 1775. Dept. of the Army, Office of the Chief of Engineers, Washington DC 20314; 1976. 36 p. A brief history of the US Army Corps of Engineers.

E-454 A NEW ESPRIT DE CORPS? n.p., n.d. 4 p. Reprinted from the National Voter, 1977. Is the US Army Corps of Engineers "Public Enemy No. 1"

E-456 ENVIRONMENTAL PROGRAM. Pamphlet no. 1105-2-500. US Army Corps. of Engineers, Dept. of the Army, Office of the Chief of Engineers Washington DC 20314; 1973. 1 v. (various pagings). Its an Army Corps of Engineers statement on its environmental policy and the impact of its activities

02.0200 ECOLOGY/270 INSTRUCTION

E-29 FUN WITH THE ENVIRONMENT: A FUN-AS-YOU-LEARN BOOK FOR KIDS WHO CARE ABOUT THE ENVIRONMENT. Prepared by Office of Public Affairs, EPA REGION VIII. Office of Public Affairs, US Environmental Protection Agency, Washington DC 20460; n.d. (16) p. Primary Middle school grades.

E-40 TEACHING ACTIVITIES IN ENVIRONMENTAL EDUCATION. Volume II--1974. By John H. Wheatley and Herbert L. Coon. ERIC Center for Science, Mathematics, and Environmental Education, Ohio State University, 400 Lincoln Tower, 1800 Cannon Drive, Columbus, OH 43210; 1974. 192 p. Grades K-12

E-41 TEACHING ACTIVITIES IN ENVIRONMENTAL EDUCATION. Volume III-1975. By John H. Wheatley and Herbert L. Coon. ERIC Center for Science, Mathematics, and Environmental Education, Ohio State University, 1200 Chambers Rd., 3rd Floor, Columbus, OH 43212; 1975. 186 p. Grades K-12

E-42 100 TEACHING ACTIVITIES IN ENVIRONMENTAL EDUCATION. By John H. Wheatley and Herbert L. Coon. ERIC Center for Science, Mathematics, and Environmental Education, Ohio State University, 400 Lincoln Tower, 1800 Cannon Drive, Columbus, OH 43210; n.d. 195 p. Grades K-12

E-43 INVESTIGATING YOUR ENVIRONMENT: TEACHING MATERIALS FOR ENVIRONMENTAL EDUCATION. Forest Service, US Dept. of Agriculture; 1976. 7 lesson plans and introduction in folder. CONTENTS: A process and problem-solving approach to environmental education; Soil investigation; Some water investigations; Some Forest investigations; Investigating some animals and their environment; A land use simulation; Investigating a man-built community.

E-57 ENVIRONMENTAL ACTIVITIES. By Donald French, et al. Topeka Public and Parochial Schools, 1601 Van Buren, Topeka, KS 66612; 1974. (98) p. A unit for primary-level elementary school students.

E-74 MAN'S IMPACT ON THE ENVIRONMENT: THE FRESHWATER MARSH AS AN ECOSYSTEM. By Marjorie Ebersbach, et al. Brevard County School Board, Center for Environmental Learning, 615 Seminole Dr., Rockledge, FL 32955; n.d. 172 p. plus 20 slides col.

E-75 MAN'S IMPACT ON THE ENVIRONMENT: THE CITY AS AN ECOSYSTEM. By Marjorie Ebersbach, et al. Brevard County School Board, Center for Environmental learning, 615 Seminole Dr., Rockledge, FL 32955; 19--. 219 p.

E-81 RANGER RICK'S TEACHER'S GUIDE. National Wildlife Federation, 1412 Sixteenth St. NW Washington, DC 20036; 1977. 7 p.

E-90 THE FARKLEBERRY COOKBOOK IN ENVIRONMENTAL EDUCATION: AN ACTIVITY GUIDE FOR CREATIVE TEACHERS. Edited by William L. Fulton. Environmental Education Office, Arkansas Dept. of Education, Little Rock, AR 72201; 1975? 56 p.

E-91 ENVIRONMENTAL EDUCATION: CONCEPTUAL CURRICULUM FRAME WORK (TENTATIVE). R. LaMar Allred, Utah State Board of Education; 1973. (38) p.

E-92 TEACHING MATERIALS FOR ENVIRONMENTAL RELATED COURSES IN AGRICULTURE OCCUPATIONS PROGRAMS. Series No. 101. By Kermit B. Bohning and Thomas R. Stitt. Dept. of Agricultural Industries, Southern Illinois University, Carbondale, IL 62901; 1972. 56 p.

E-94 ADVENTURE IN ENVIRONMENT. Developed by Educational Challenges Inc. for National Environmental Education Development. Silver Burdett General Learning Corp., Morristown, NJ; 1972. 2 v. Includes text and teacher's guide.

E-105 ENVIRONMENTAL EDUCATION STUDY PROJECTS FOR HIGH SCHOOL STUDENTS. Prepared by Jonathan M. Wert. Environmental Education Section, Div. of Forestry, Fisheries, and Wildlife Development, Tennessee Valley Authority, Norris, TN 37828; 1974. 10 p.

E-107 ENVIRONMENTAL QUALITY AND THE CITIZEN: A TEACHING GUIDE FOR ADULT EDUCATION COURSES RELATED TO THE ENVIRONMENT. By Bernard L. Clausen and Ross L. Iverson. n.p.; 1972? 40 p.

E-110 THE WORLD AROUND YOU: ENVIRONMENTAL EDUCATION PACKET. Conservation Committee, The Garden Club of America, 598 Madison Ave., New York, NY 10022; 1976. Package of 7 booklets and 1 study guide.

E-113 KNOWING AND USING YOUR ENVIRONMENT. By Donald French, et al. Topeka Public and Parochial Schools, 1601 Van Buren, Topeka, KS 66612; 1974. 1 v. (Various pagings) For intermediate level elementary school students.

E-117 MAN BUILDS--MAN DESTROYS. By Osborn Segerberg, Jr. State Education Dept., The University of the State of New York, Albany, NY 12234; 1971? 314 p. A series of videotape scripts examining the aspects of individual, corporate and governmental impact on the environment.

E-119 EXPLORING YOUR ENVIRONMENT: OUTDOOR BOOK. By Educational Challenges Inc. for National Environmental Education Development, National Park Service; Silver Burdett General Learning Corp., Morristown, NJ; 1973. 3 v. in 1. Elementary grades.

E-120 ADVENTURE IN ENVIRONMENT: OUTDOOR BOOK. National Environmental Education Development, National Park Foundation; Silver Burdett Company, Morristown, NJ; 1971. 54 p.

E-121 ADVENTURE IN ENVIRONMENT: TEACHER'S RESOURCE BOOK, LEVELS K-2. Developed by the National Park Foundation for the National Park Service; Silver Burdett Company, Morristown, NJ; 1975. 284 p.

E-123 FINDING SOLUTIONS TO ENVIRONMENTAL PROBLEMS: A PROCESS GUIDE. By Jonathan M. Wert and Michael A. Magnoli. Wert and Magnoli; 1976. 27 l.

E-134 PROGRAMMED LEARNING AID FOR INTRODUCTION TO ENVIRONMENTAL SCIENCE. By Phillips W. Foster. Learning Systems Company, Richard D. Irwin, Inc., Homewood, IL 60430; 1977. 181 p.

E-137 AN OUTDOOR EDUCATION GUIDE FOR URBAN TEACHERS OF THE EMOTIONALLY HANDICAPPED. Section for Emotionally Handicapped Children, State Education department., State University of New York, and the Bureau of Physical Education and Recreation, Div. of Health, Physical Education and Recreation; 1974. 145 p.

E-142 ENVIRONMENTAL REALITIES. Defense Civil Preparedness Agency, n.d.; 1972. Game with board, directions, playing cards. Grades 1-12, adults. Purposes of this game are to develop an awareness of the realities of the modern city, and its problems, to think of remedies for urban problems, to express values.

E-433 CHILD ECOLOGY: A COMPLETE RESOURCE GUIDE FOR THE ELEMENTARY SCHOOL TEACHER. Child Ecology Press, 141 S. Gordon Way, Los Altos, CA 94022; 1974. 244 p. $5.00 Some of the material is keyed specifically to the San Francisco, California area, but most has a general application.

E-445 URBAN ACTIVITY CARDS, GRADES 4-6. Hathaway Environmental Education Institute, Massachusetts Audubon Society, Lincoln, MA 01773; n.d. 41 4x6 cards, 1 learning activity per card

E-446 URBAN ACTIVITY CARDS, GRADES K-3. Hathaway Environmental Education Institute, Massachusetts Audubon Society, Lincoln, MA 01773; n.d. 41 4x6 cards, 1 learning activity per card

E-448 INTRODUCTION TO ECOLOGY: TEXT FOR 5th TO 8th GRADES. n.p. n.d. 15 p. General ecological concepts and teaching activities.

E-462 TEACHING MATERIALS FOR ENVIRONMENTAL EDUCATION: INVESTIGATING YOUR ENVIRONMENT. US Dept. of Agriculture, Forest Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington DC 20402; 1973. 69 p. $.95 Stock no. 0101--234

E-464 ALL AROUND YOU: AN ENVIRONMENTAL STUDY GUIDE. US Dept. of the Interior, Bureau of Land Management; for sale by the Supt. of Docs., US Govt. Print. Off., Washington DC 20402; 1975. 177 p. "Late Elementary--junior high school"

E-490 LESSON PLANS FOR USING THE OUTDOORS IN TEACHING: GRADES K-3. By Mary D. Houts and Robert L. Jefferson. Interstate Printers & Publishers, Inc., 19-27 N. Jackson Street, Danville, IL 61832; 1976. 48 p. $1.95

E-510 BEYOND THE CLASSROOM: USING THE URBAN ENVIRONMENT AS AN INSTRUCTIONAL MEDIUM. Trial Edition. By Miriam E. Dickey and Charles E. Roth. Massachusetts Audubon Society, South Great Road, Lincoln, MA 01773; 1972. 40 p. $5.00

E-515 ENVIRONMENTAL ACTIVITIES: SENIOR HIGH. By Robert J. Larson. Laramie County School District number One. Administration Building, 2810 House Avenue, Cheyenne, WY 82001; 1974. 83 p.

E-516 ENVIRONMENTAL ACTIVITIES. JUNIOR HIGH. By William C. Edwards and Robert J. Larson. Laramie County School District number One. Administration Building, 2810 House Avenue, Cheyenne, WY 82001; 1973. 88 p.

E-518 ENVIRONMENTAL EDUCATION: OBJECTIVES AND FIELD ACTIVITIES. By Paducah Public School Environmental Education Staff. Paducah Public Schools, 10th and Clark Streets, Paducah, KY 42001; 1974. 443 p. $7.00 Includes activities for all grade levels, but with most for grades 5-8.

E-588 ENVIRONMENTAL EDUCATION GUIDE: BUSINESS EDUCATION 9-12. Robert J. Warpinski, Project Director. Project I-C-E, Instructional-Curriculum-Environmental, 1927 Main Street, Green Bay, WI 54301; 197-. 148 p. $3.75

E-591 BE KIND TO YOUR OUTDOORS. Environmental activity model. By George Howlett, Jr. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main St., Green Bay, WI 54301; 197-. 9 p. $.30 Safety and courtesy preparations for wilderness camping, grades 6-10

E-643 ENVIRONMENTAL AWARENESS FOR THE YOUNG CHILD. By Clare Beaver. Vocational-Technical Curriculum Laboratory, Rutgers--the State University, Bldg. 4103, Kilmer Campus, New Brunswick, NJ 08903; 1975. 58 l. $1.50 Elementary grades.

02.0200 ECOLOGY/320 LIBRARY MATERIALS

E-28 READING LIST FOR YOUNG PEOPLE. By Karin Lundstrom. Information Services, Sierra Club, 530 Bush St., San Francisco, CA; 1977. 2 p. Ecology, pollution, wildlife, fiction, etc.

E-35 WHEN PUSH MEETS CRUNCH: A CITIZEN'S SOURCEBOOK OF INFORMATION FOR ENVIRONMENTAL ACTION. Edited by Ilene Wright. Wisconsin Environmental Education Council, Lowell Hall, Rm. 521, 610 Langdon St., Madison, WI 53706; 1976. 35 p. 50¢

E-44 A BIBLIOGRAPHY OF KEY ENVIRONMENTAL PERIODICALS. By Mike Watson. Center for Environmental Communications and Education Studies, University of Wisconsin-Madison, WI 53706; 1974. 21 p.

E-45 A BIBLIOGRAPHY OF CLASSIC AND CURRENT MATERIALS IN ECOLOGY AND ENVIRONMENT. Compiled by Sheila J. Sheaffer. Center for Environmental Communications and Education Studies, University of Wisconsin-Madison, WI 53706; 1970. 43 p.

E-69 ENVIRONMENTAL CONSERVATION EDUCATION: A SELECTED ANNOTATED BIBLIOGRAPHY. 1976 SUPPLEMENT. By Clyde Hibbs et al. for the Conservation Education Association. Interstate Printers & Publishers, Inc., Danville, IL 61832; 1976. 43 p. $1.50 By grade levels.

E-73 PUBLIC PARTICIPATION IN ENVIRONMENTAL POLICY: AN ANNOTATED BIBLIOGRAPHY. Exchange Bibliography 1163. By Joseph Chisholm. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1976. 17 p. $1.50

E-76 ENVIRONMENTAL IMPACT ASSESSMENT METHODOLOGIES: AN ANNOTATED BIBLIOGRAPHY. Exchange Bibliography 691. By Richard C. Viohl, Jr. and Kenneth G. M. Mason. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1974. 32 p. $3.50

E-85 LEARNING ABOUT THE BUILT ENVIRONMENT. Educational Facilities Laboratory and the National Association of Elementary School Principals, 1801 N. Moore St., Arlington, VA 22209; 1974. 88 p. $3.00 A sourcebook in Environmental Education for use at the Elementary and Secondary levels.

E-86 PROJECT ICE (INSTRUCTION-CURRICULUM-ENVIRONMENT): CATALOG OF MEDIA RESOURCES. ICE,RMC, 1927 Main St., Green Bay, WI 54301; 197-. 63 p.

E-116 RESOURCES FOR TEACHERS. Sierra Club, 530 Bush St., San Francisco, CA 94108; 1976. 6 p. Periodicals, books, films, teaching aids on environmental issues.

E-546 IT'S WHAT'S IN YOUR OWN BACKYARD THAT COUNTS! A BIBLIOGRAPHY OF MATERIALS FOR LEARNING ABOUT WISCONSIN'S ENVIRONMENTS. By Ronald Woods, et. al. Wisconsin Environmental Education Council, Lowell Hall, 610 Langdon Street, Madison, WI 53706; 1975. 21 p.

E-547 BIBLIOGRAPHY OF SELECTED NATURAL HISTORY AND ECOLOGY FIELD GUIDES AND REFERENCES. By R. W. Presnell. University of Wisconsin-Green Bay, Green Bay, WI 54302; n.d. 4 p.

02.0200 ECOLOGY/370 ORGANIZATIONS (GROUPS)

E-70 AIR, WATER, EARTH, FIRE: THE IMPACT OF THE MILITARY ON WORLD ENVIRONMENTAL ORDER. International Series No. 2. By Michael McClintock, et al. Sierra Club, 530 Bush St., San Francisco, CA 94108; 1974. 71 p. $2.00

E-71 ENGINEERING A VICTORY FOR OUR ENVIRONMENT: A CITIZEN'S GUIDE TO THE U.S. ARMY CORPS OF ENGINEERS. By Thomas M. Clement, Jr., Glen Lopez, and Pamela T. Mountain. Sierra Club, 530 Bush St., San Francisco, CA 94108; 1973. 80 p. $5.00 Portions of this guide originally published in 1972 as ENGINEERING A VICTORY FOR OUR ENVIRONMENT, c1972 by the Institute for the Study of Health and Society.

E-109 TEN STEPS TOWARD AN ENVIRONMENT CLUB. By William E. Clark. National Wildlife Federation, 1412 Sixteenth St. NW, Washington DC 20036; 1975. 10 p. single copy free; additional copies 15¢

02.0200 ECOLOGY/460 RESOURCES

E-128 DIRECTORY OF ENVIRONMENTAL LIFE SCIENTISTS, VOLUME V: NORTH CENTRAL REGION. The Institute of Ecology. Corps of Engineers, US Dept. of the Army; 1974. (693) p.

02.0201 ECOLOGY, HUMANITIES/110 CURRICULUM

E-67 ECOLOGY AND HUMAN VALUES: A COURSE OF STUDY (WORKING DRAFT). State Social Studies Curriculum Study Committee, Wis. Dept. of Public Instruction, 126 Langdon St., Madison, WI 53702; n.d. 56 p.

E-68 AESTHETICS AND ENVIRONMENTAL EDUCATION: A MULTI-DISCIPLINARY RESOURCE FOR CURRICULUM DEVELOPMENT. Bulletin no. 5500. By Earl L. Collins, et al. Wis. Dept. of Public Instruction, 126 Langdon St., Madison, WI 53702; 1973? 58 p.

02.0201 ECOLOGY, HUMANITIES/270 INSTRUCTION

E-640 CAREERS IN CONSERVATION AND ECOLOGY (LANGUAGE ARTS). Rev. By Lynn Melton, et al. Orange County Career Development Program, 410 Woods Ave., Orlando, FL 32805; 197-. 11, 80 p. "Recommended for use in grades 7-12"

02.0201 ECOLOGY, HUMANITIES/300 LANGUAGES

E-65 UMWELTVERSCHMUTZUNG. GERMAN ECOLOGY PACKET: RESOURCE UNITS AND MATERIALS FOR GERMAN CLASSES AT ALL LEVELS. By Julie Archer, et al. Reprinted by the Wis. Dept. of Public Instruction (Bulletin No. 2474), 126 Langdon St., Madison, WI 53702; 1971. 82 p.

E-66 L'HUMANITE N'EN SORTIRA PAS...VIVANTE. FRENCH ECOLOGY PACKET: RESOURCE MATERIALS AND READINGS FOR FRENCH CLASSES AT ADVANCED LEVELS. Produced by Helen Jorstad. Reprinted by the Wis. Dept. of Public Instruction (Bulletin No. 3191), 126 Langdon St., Madison, WI 53702; 1971. 63 p.

E-87 ECOLOGIA: SPANISH ECOLOGY PACKET RESOURCE UNITS AND MATERIALS FOR INTERMEDIATE AND ADVANCED SPANISH CLASSES. By Mozelle Sawyer Bell and E. Jaime Arribas. Minnesota State Dept. of Education, Capitol Square, St. Paul, MN 55101; 1972. 129 p.

02.0203 ECOLOGY, PHYSICAL SCIENCES/070 BIOLOGY

E-463 MINIATURE ENVIRONMENTS: AN ENVIRONMENTAL EDUCATION GUIDEBOOK. Rev. ed. By John Hoke. US Dept. of the Interior, Bureau of Outdoor Recreation; for sale by the Supt. of Docs., US Govt. Print. Off., Washington DC 20402; 1975. 27 p. $1.00 Stock no. 024-016-00069-2 Deals with terrariums, aquariums, etc.

E-482 EDUCATIONAL CARTOON BOOKLETS: A BETTER ENVIRONMENT. Soil Conservation Society of America, 7515 NE Ankeny Road, Ankeny, IA 50021; 1976. 10 cartoon booklets, 10 teacher's guides. $4.00 CONTENTS: Pioneers of Conservation in America.-The Earth-Our Home in Space.-Plants, Animals & Man Sharing the Earth.-Plants, How They Improve Our Environment.-Working Together for a Livable Land.-Food and the Land.-Making a Home for Wildlife on the Land.-Help Keep Our Land Beautiful.-The Wonder of Water.-The Story of Land.

E-589 WILD FLOWERS IN THEIR OWN HABITAT. Environmental activity model. By George Howlett, Jr. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main St., Green Bay, WI 54301; 197-. 13 p. $.45 Advanced level, 10-12

E-590 THE FORESTER AT WORK. Environmental activity model. By George Howlett, Jr. Project I-C-E. 12 p. $.35 Advanced level, 10-12

E-592 ECOLOGY TREASURE HUNT #2. Environmental activity model. By George Howlett, Jr. Project I-C-E. 6 p. $.25 Grades 5-8

02.0203 ECOLOGY, PHYSICAL SCIENCES/270 INSTRUCTION

E-437 HOW TO...READ THE NATURAL LANDSCAPE IN FORESTS AND FIELDS. By Millard C. David. National Science Teachers Association, 1201 16th Street NW, Washington DC 20036; 1971. 12 p. $.50

E-520 INDUSTRIAL ECOLOGY INSTRUCTIONAL GUIDE FOR THE INDUSTRIAL ARTS TEACHER. By James R. Hastings, et. al. State University of New York at Oswego, Department of Industrial Arts and Technology, Oswego, NY 13126; 1972. 1 v. (various pagings)

E-641 CAREERS IN CONSERVATION AND ECOLOGY (SCIENCE). Rev. Orange County Career Development Program, 410 Woods Ave., Orlando, FL 32805; 197-. 60 p. Recommended for use in grades 7-12

02.0204 ECOLOGY/SOCIAL SCIENCES/270 INSTRUCTION

E-642 CAREERS IN CONSERVATION AND ECOLOGY (SOCIAL STUDIES). Rev. By Emma Brown and Sharon Dudley. Orange County Career Development Program, 410 Woods Ave., Orlando, FL 32805; 197-. 11, 31 p. Recommended for use in grades 7-12.

02.0208 ECOLOGY/OCCUPATIONS/110 CURRICULUM

E-36 JUNIOR HIGH CAREER EDUCATION HANDBOOK FOR ENVIRONMENT. 2nd ed. Des Moines Public Schools, Grimes State Office Bldg., Des Moines, IA 50319; 1975. 1 v. (various pagings) A curriculum guide.

E-122 PROPOSED CURRICULUM FOR TWO YEAR ENVIRONMENTAL SCIENCE TECHNOLOGY: FINAL REPORT. North Dakota State School of Science, Wahpeton, ND 58075; 1972. approximately 150 l.

02.0208 ECOLOGY/OCCUPATIONS/140 EDUCATION

E-645* EXPLORING CAREERS IN NATURAL RESOURCES AND ENVIRONMENT. By Rodney Tulloch and Bruce Carpenter. Curriculum Development Center, Vocational Education, University of Kentucky, Lexington, KY 40506; 1974. 302 p. "Designed primarily for the middle school level."

02.0208 ECOLOGY/OCCUPATIONS/150 EMPLOYMENT

E-124 EMPLOYMENT OPPORTUNITIES AND JOB ANALYSIS FOR SELECTED ENVIRONMENTAL OCCUPATIONS. By Thomas R. Stitt. Curriculum Development Unit, Div. of Vocational and Technical Education, Board of Vocational Education and Rehabilitation, and the Dept. of Agricultural Industries, School of Agriculture, Southern Illinois University, Carbondale, IL 62091; 1974? approximately 60 p.

02.0208 ECOLOGY/OCCUPATIONS/350 OCCUPATIONS

E-30 CAREERS IN GEOGRAPHY. 2nd ed. Ed. by Salvatore J. Natoli. Association of American Geographers, 1710 Sixteenth St. NW, Washington, DC 20009; 1976. 47 p.

E-64 INTEGRATING CAREER EDUCATION INTO A SOCIAL ECOLOGY COURSE. By William F. Thomas. Great Falls Public Schools, Great Falls, MT 59401; n.d. 14 p. free

E-104 GEOLOGY: SCIENCE AND PROFESSION. American Geological Institute, 5205 Leesburg Pike, Falls Church, VA 22041; 1976. 31 p.

E-125 CAREER OPPORTUNITIES IN THE ENVIRONMENTAL PROTECTION AGENCY. US Environmental Protection Agency, Washington, DC 20460; 1977. 15 p.

E-126 CAREER CHOICES: WORKING TOWARD A BETTER ENVIRONMENT. Office of Public Affairs, US Environmental Protection Agency, for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; rev. 1977. 15 p.

02.0300 ENVIRONMENTAL EDUCATION/NATURAL RESOURCES/070 BIOLOGY

E-79 NATURE HIKE THEMES. By George J. Knudsen. Wisconsin Dept. of Natural Resources, Box 7921, Madison, WI 53707; 1976. 54 p.

E-513 BEYOND THE CLASSROOM: A WHO'S WHO OF URBAN AMERICA. Trial Edition. By Miriam Dickey and Charles E. Roth. Massachusetts Audubon Society, Lincoln, MA 01773; 1972. 95 p. Plants, animals and insects of the city.

E-606 EVERGLADES WILDGUIDE. Natural history series. By Jean Craighead George. Office of Publications, National Park Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1972. 105 p. $2.40 Stock #2405-00497

02.0300 ENVIRONMENTAL EDUCATION/NATURAL RESOURCES/210 FACILITIES

E-148 DEVELOPING THE SELF-GUIDING TRAIL IN THE NATIONAL FORESTS. Miscellaneous Publication 968. Forest Service, US Dept. of Agriculture, Washington, DC; 1964, reprinted 1974. 18 p.

E-160 USE THAT CAMPUS. Prepared by Div. of Forestry, Fisheries and Wildlife Development, Tennessee Valley Authority, Norriss, TN 37828; n.d. (13) p.

02.0300 ENVIRONMENTAL EDUCATION/NATURAL RESOURCES/230 GOVERNMENT

E-147 MANAGING WISCONSIN'S NATURAL RESOURCES: AN INTER-AGENCY OVERVIEW. Edited by Jean Plummer. Natural Resources Council of State Agencies and the Wisconsin Environmental Education Council, 610 Langdon St., Madison, WI 53706; 1976. 56 p.

E-149 U.S. ARMY CORPS OF ENGINEERS AND THE ENVIRONMENT. EP360-1-10. Dept. of the Army, Office of the Chief of Engineers, Washington, DC 20314; 1977. (13) p.

E-159 WISCONSIN NATURAL RESOURCE USE CONTROLS AND ASSISTANCE. Wisconsin Dept. of Natural Resources, Box 450, Madison, WI 53701; 1975. 17 p. Information on DNR regulations affecting land and water development projects.

02.0300 ENVIRONMENTAL EDUCATION/NATURAL RESOURCES/270 INSTRUCTION

E-145 RESOURCES UNIT, EDMONDS SCHOOL DISTRICT. THIRTEEN NATURAL RESOURCE ACTIVITIES. Edmonds School District, no. 15, Lynnwood, WA 98036; 1974. 1 v. (unpaged)

E-146 THE ONLY HOME WE HAVE. Southern California Edison Company; n.d. (15) p. Chiefly illustrations. Conservation of natural resources.

E-152 ACTIVITIES THAT ILLUSTRATE CONCEPTS. Environmental Quickie. Regional Director, Pacific Northwest Region, National Park Service, 523 Fourth and Pike Bldg., Seattle, WA 98101; n.d. (6) p.

E-153 THE RIVER IN THE CITY: THE URBAN ECOSYSTEM. Urban Ecology Series, no. 4. National Park Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1974. (21) p.

E-188 SCHOOL GARDENS: EARTHCARE IN THE DOORYARD GARDEN. By Doris Cellarius. Information Services, Sierra Club, 530 Bush St., San Francisco, CA 94108; 1976. 11 p. single copy 15¢

02.0300 ENVIRONMENTAL EDUCATION/NATURAL RESOURCES/320 LIBRARY MATERIALS

E-143 A BIBLIOGRAPHY OF LAND AND NATURAL RESOURCE INFORMATION SYSTEMS. Exchange Bibliography 1139. By Michael Carberry. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1976. 24 p. $2.50

E-144 LANDSCAPE VISUAL RESOURCES. Exchange Bibliography 938. By Sally Schauman. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 9 p. $1.50

E-151 INTERPRETIVE RESEARCH: A BIBLIOGRAPHY. FINAL DRAFT. Compiled by Elizabeth R. Winzeler. The Ohio State University, Columbus, OH; 1976. (42) p.

02.0300 ENVIRONMENTAL EDUCATION/NATURAL RESOURCES/460 RESOURCES

E-158 NATURAL RESOURCES OF WISCONSIN. Natural Resources Committee of State Agencies. State of Wisconsin Dept. of Administration, Document Sales Section, 1 W. Wilson St., Madison, WI 53702; rev. 1967. 159 p. 50¢

E-488 CONSERVATION DIRECTORY, 1977. A LIST OF ORGANIZATIONS, AGENCIES, AND OFFICIALS CONCERNED WITH NATURAL RESOURCE USE AND MANAGEMENT. 22nd ed. The National Wildlife Federation, 1412 Sixteenth St., NW, Washington, DC 20036; 1977. 250 p. $3.00 "Organizations listed in this Directory are included on the basis of their stated objectives in relation to the conservation of natural resources."

02.0300 ENVIRONMENTAL EDUCATION/NATURAL RESOURCES/510 TECHNIQUES

E-155 CONSERVATION TACTICS. Edited by Emily Jane Stover. Bureau of Outdoor Recreation, US Dept. of the Interior; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1976. 29 p. S/N 024-016-00085-4 Reprint from PROTECTING NATURE'S ESTATE. Stresses means by which individuals and groups can preserve natural, recreational, and historical sites.

02.0301 NATURAL RESOURCES/SOIL/050 AUDIOVISUAL MATERIALS & METHODS

E-618 ECOLOGY: THE PROBLEM OF EROSION. Visual Products Div., 3M Company, 3M Center, St. Paul, MN 55101; 1972. 47 p. Photographs and transparency masters

E-619 OUTDOOR RECREATION AND APPLIED ECOLOGY (ECOLOGY AND LAND USE). Learning activity packet. Dept. of Public Instruction, Raleigh, NC 27611; 1976. 6 learning activity packets, 47 col. slides.

CONTENTS: Man's relationship to ecological systems.-Identifying ecological problems.-Comparing land use.-Relating land use to our environment.-Importance of mineral and natural resources in our environment.-Effects of surface mining.-Transparency masters.

02.0301 NATURAL RESOURCES/SOIL/160 ENVIRONMENT

E-174 SAVE OUR IRREPLACEABLE LAKESHORE: HELP US GET THE RED (SOIL) OUT. Center for Lake Superior Environmental Studies at the University of Wisconsin, Superior, and the Sigurd Olson Institute of Environmental Studies, Northland College, Ashland, WI; n.d. folder

E-495 RESTORING SURFACE-MINED LAND. Miscellaneous Publication No. 1082. US Dept. of Agriculture; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; rev. 1973. 14 p. $.30 Stock no. 0100-02888

E-496 OUR AMERICAN LAND: USE THE LAND, SAVE THE SOIL. Agriculture Information Bulletin 321. Soil Conservation Service, US Dept. of Agriculture; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; rev. 1968. 29 p. $.25

E-497 CONQUEST OF THE LAND THROUGH SEVEN THOUSAND YEARS. Agriculture Information Bulletin 99. By W.C. Lowdermilk. Soil Conservation Service, US Dept. of Agriculture; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; rev. 1975. 30 p.

E-498 CHECKING THE IMPACT OF MINING. Soil Conservation Service, US Dept. of Agriculture; 1973? (14) p. Reprinted from SOIL CONSERVATION MAGAZINE.

E-499 ENVIRONMENTAL DO'S AND DON'TS ON CONSTRUCTION SITES. Miscellaneous Publication 1291. Soil Conservation Service, US Dept. of Agriculture; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1974. 31 p. $.65

02.0301 NATURAL RESOURCES/SOIL/270 INSTRUCTION

E-647* COMPREHENSIVE EROSION AND SEDIMENT CONTROL TRAINING PROGRAM FOR ENGINEERS, ARCHITECTS AND PLANNERS. By Harry L. Porter, Jr. Virginia Soil and Water Conservation Commission, 830 E. Main St., Suite 800, Richmond, VA 23219; 1976. 115 p.

02.0301 NATURAL RESOURCES/SOIL/450 RESEARCH

E-501 RED CLAY EROSION DEMONSTRATION RESEARCH. FIRST ANNUAL REPORT. By Rudy Koch, et al. Center for Lake Superior Environmental Studies, University of Wisconsin-Superior, WI 54880; 1976. 1 vol. unpaged. Detailed and technical.

02.0302 NATURAL RESOURCES/WATER/040 ATTITUDES

E-372 A SURVEY OF RECREATION BEHAVIOR AND ATTITUDE PATTERNS OF HIGH SCHOOL JUNIORS AND SENIORS: IMPLICATIONS FOR ENVIRONMENTAL EDUCATION AND RESOURCE MANAGEMENT. Sea Grant Advisory Report no. 405. By Robert B. Ditton and Per K. Johnsen. University of Wisconsin Sea Grant Communications Office, 1225 W. Dayton St., Madison, WI 53706; 1974. 12 p.

02.0302 NATURAL RESOURCES/WATER/050 AUDIOVISUAL MATERIALS & METHODS

E-161 THE WETLANDS: SALT WATER AND FRESH WATER. By Harold Sims, Jr., produced by Lucie B. McCandless. Warren Schloat Productions, Inc. Prentice Hall Media, 150 White Plains Rd., Tarrytown, NY 10591; 1972. Teacher's guide, 2 audiocassettes and 2 col. filmstrips $50.00 CONTENTS: Salt water, 87 frames, running time 18 min.-Fresh water, 90 frames, running time 18 min.

02.0302 NATURAL RESOURCES/WATER/070 BIOLOGY

E-176 A PRIMER ON WATER. By Luna B. Leopold and Walter B. Langbein. US Geological Survey, US Dept. of the Interior; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; reprinted 1966. 50 p. 35¢

02.0302 NATURAL RESOURCES/WATER/130 DEVELOPMENT

E-165 WATER RESOURCES DEVELOPMENT IN WISCONSIN. By the US Army Corps of Engineers, North Central Div., Chicago, IL 60605; 1977. 122 p.

02.0302 NATURAL RESOURCES/WATER/140 EDUCATION

E-157 EDUCATING THE PUBLIC IN NATURAL RESOURCES. By Clay Schoenfeld. n.p.; n.d. 4 p. Reprinted from the JOURNAL OF SOIL AND WATER CONSERVATION, Vol. 23, No. 6 (1968)

02.0302 NATURAL RESOURCES/WATER/160 ENVIRONMENT

E-162 INLAND WETLANDS OF THE UNITED STATES, EVALUATED AS POTENTIAL REGISTERED NATURAL LANDMARKS. Natural History Theme Studies no. 2. By Richard H. Goodwin and William A. Niering. National Park Service, US Dept. of the Interior; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1975. 550 p. Chapter on Wisconsin describes 14 separate wetland areas.

E-167 CONSERVATION AND THE WATER CYCLE. Soil Conservation Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1967, reprinted 1973. 1 fold. sheet $.10; 100 for $5.00

E-168 OUR GREAT LAKES. Prepared by Linda Weimer, et al. Sea Grant Communications Office, University of Wisconsin-Madison, WI 53706; 1973. 48 p.

E-171 THE MARINE ENVIRONMENT...A GLOBAL PERSPECTIVE. By Donald Aitken. Sierra Club, 530 Bush St., San Francisco, CA 94108; n.d. 7 p. Reprinted from the SIERRA CLUB BULLETIN, June 1971.

E-493 WATER QUALITY IN BAYFIELD COUNTY, WISCONSIN: ITS UNDERSTANDING, PRESERVATION, UTILIZATION. Publication no. 37. Edited by Myron O. Schneiderwent. Center for Lake Superior Environmental Studies, University of Wisconsin-Superior, Superior, WI 54880; 1974. 16 p.

E-494 WATER QUALITY IN ASHLAND COUNTY, WISCONSIN: ITS UNDERSTANDING, PRESERVATION, UTILIZATION. Publication no. 38. Edited by Myron O. Schneiderwent. Center for Lake Superior Environmental Studies, University of Wisconsin-Superior, Superior, WI 54880; 1974. 16 p.

E-514 GROUND WATER: AN OVERVIEW. US General Accounting Office, Room 4552, 441 G Street, NW, Washington, DC 20548; 1977. 46 p. Free to schools. Deals with the nationwide problems of ground water supply and shortages.

02.0302 NATURAL RESOURCES/WATER/230 GOVERNMENT

E-111 FEDERAL FLOOD CONTROL PROGRAMS ARE FAILING TO PREVENT FLOOD LOSSES. FEDERAL FLOOD CONTROL PROJECTS CAN INCREASE FLOOD LOSSES. n.p.; 1973? 1 fold. sheet

E-170 A GUIDE TO WISCONSIN'S LAKE MANAGEMENT LAW. Prepared by University of Wisconsin Extension and Wisconsin Dept. of Natural Resources. Environmental Resources Unit, University of Wisconsin Extension, 1815 University Ave., Madison, WI 53706; 1976. 15 p.

E-172 DISASTERS IN WATER DEVELOPMENT II. n.p.; 1977. (19) p.

E-173 INLAND LAKES: ANALYSIS AND ACTION. Extension Bulletin E-718, Natural Resources Series. By Jerome K. Fulton and E. Wayne Say. Cooperative Extension Service, Michigan State University, East Lansing, MI 48823; 1971. 40 p.

E-175 THE ROLE OF LAKE PROPERTY OWNERS AND THEIR ORGANIZATIONS IN LAKE MANAGEMENT. G2548 By Lowell L. Klessig and Douglas A. Yanggen. Environmental Resources Unit, University of Wisconsin-Extension, Madison, WI 53706; rev. 1975. 20 p. $.75

02.0302 NATURAL RESOURCES/WATER/270 INSTRUCTION

E-156 MAN'S IMPACT ON THE ENVIRONMENT: THE ESTUARY AS AN ECOSYSTEM. By Marjorie Ebersbach, et al. Brevard County School Board, Center for Environmental Learning, 615 Seminole Dr., Rockledge, FL 32955; n.d. 158 p.

E-601 WHAT IS ALL THIS DAM FOOLISHNESS? Instructional activities series, 1A/S-2. By Erwin Bill. National Council for Geographic Education, n.p.; 1975. 9 p. A simulation centered around the proposed construction of a dam.

02.0302 NATURAL RESOURCES/WATER/320 LIBRARY MATERIALS

E-163 WATER-RELATED ENVIRONMENTAL PLANNING. Exchange Bibliography 365. By George J. Sloss. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1973. 15 p. $1.50

E-164 WATERSHED PLANNING: A SELECTED RESEARCH BIBLIOGRAPHY. Exchange Bibliography 1014. By Frank L. Kudrna, Jr. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1976. 57 p. $5.50

E-166 GREAT LAKES DIRECTORY OF UNIVERSITIES, RESEARCH INSTITUTES, AND AGENCIES CONCERNED WITH WATER AND LAND RESOURCES IN THE GREAT LAKE BASIN, 1976. Prepared by the Great Lakes Environmental Laboratory, National Oceanic and Atmospheric Administration, US Dept. of Commerce. Interagency Committee on Marine Sciences and Engineering, Federal Council for Science and Technology, Ann Arbor, MI; 1976. 66 p.

E-201 WATER RESOURCE DEVELOPMENT: A SELECTED RESEARCH BIBLIOGRAPHY. Exchange Bibliography 764. By Prakash C. Sharma. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 14 p. $1.50

02.0302 NATURAL RESOURCES/WATER/390 PHYSICAL EDUCATION & RECREATION

E-177 THE FUTURE OF BOATING ON LAKE MICHIGAN. Public Information Report no. 6. WIS-SG-71-106. University of Wisconsin Sea Grant Office, Madison, WI 53706; 1971. 24 p. Highlights of a session of the University of Wisconsin Sea Grant Conference, "The Great Lakes--Sink? or Swim?"

02.0302 NATURAL RESOURCES/WATER/450 RESEARCH

E-500 WISCONSIN'S LAKE SUPERIOR BASIN WATER QUALITY STUDY. Technical Report One. Edited by Albert B. Dickas. Center for Lake Superior Environmental Studies, University of Wisconsin-Superior, and the Sigrud Olson Institute of Environmental Studies, Northland College, Ashland, WI; 1973. 116, lxxix 1. Highly detailed and fairly technical.

02.0303 NATURAL RESOURCES/PLANT LIFE/050 AUDIO-VISUAL MATERIALS & METHODS

E-617 OUR PLANT RESOURCES: CONSERVATION. Visual Products Div., 3M Company, 3M Center, St. Paul MN 55101; 1966. (24) p. Transparency masters

02.0303 NATURAL RESOURCES/PLANT LIFE/070 BIOLOGY

E-62 THE VEGETATION OF THE CITY. Urban Ecology Series, no. 2. National Park Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1974? 16 p.

E-183 GRASS MAKES ITS OWN FOOD. Agriculture Information Bulletin no. 223. By Waldo R. Frandsen. Soil Conservation Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1960, reprinted 1976. 1 fold. sheet $.35, minimum order $1.00 S/N 001-000-00631-2

E-189 REPORT ON THE DISASTROUS EFFECTS OF THE DESTRUCTION OF FOREST TREES, NOW GOING ON SO RAPIDLY IN THE STATE OF WISCONSIN. By J.A. Lapham, J.G. Knapp and H. Crocker. Atwood & Rublee, State Printers, Journal Office, Madison, WI; reprinted for the Wisconsin State Historical Society, Madison, WI, 1967. 104 p. Reprint of the 1867 report.

E-190 FORESTS AND TREES OF THE UNITED STATES. American Forest Institute, 1619 Massachusetts Ave. NW, Washington, DC 20036; 1976. col. chart, 87 cm. high x 61 cm wide, and TEACHING SUGGESTIONS FOR USE WITH THE FULL-COLOR MAP, 7 p.

E-191 GROWTH OF A TREE. American Forest Institute, 1619 Massachusetts Ave. NW, Washington, DC 20036; 1976. col. chart, 87 cm. high x 61 cm. wide, and TEACHING SUGGESTIONS FOR USE WITH THE FULL-COLOR CHART, 7 p.

E-194 ENDANGERED AND THREATENED VASCULAR PLANTS IN WISCONSIN. Technical Bulletin no. 92. By Robert H. Read. Scientific Areas Preservation Council, Dept. of Natural Resources, Madison, WI 53701; 1976. 58 p.

02.0303 NATURAL RESOURCES/PLANT LIFE/160 ENVIRONMENT

E-187 FORESTS USA. American Forest Institute, 1619 Massachusetts Ave. NW, Washington, DC 20036; 1974. 15 p.

E-537 THE SIERRA CLUB POSITION ON CLEAR-CUTTING AND FOREST MANAGEMENT. Sierra Club Policy Paper no. 2. By Gordon Robinson. Sierra Club, 530 Bush St., San Francisco, CA 94108; 197-. (4) p.

02.0303 NATURAL RESOURCES/PLANT LIFE/180 EVALUATION

E-195 THE PRESETTLEMENT VEGETATION OF COLUMBIA COUNTY, WISCONSIN, IN THE 1830'S. Technical Bulletin no. 90. By William Tans. Wisconsin Dept. of Natural Resources, Box 450, Madison, WI 53701; 1976. 19 p.

E-196 NATURAL AREA INVENTORY, GREEN COUNTY, WISCONSIN. By Gary A. Birch. Scientific Areas Preservation Council, Dept. of Natural Resources, Box 7921, Madison, WI 53707; 1976. 19 p.

02.0303 NATURAL RESOURCES/PLANT LIFE/250 HEALTH & SAFETY

E-184 TEACHER'S FOREST FIRE PREVENTION AND CONSERVATION KIT (FOR GRADES 1-4). Forest Service, US Dept. of Agriculture; available from State Forester, 4610 University Ave., Madison, WI 53702; n.d. assorted materials in folder

E-185 FOREST FIRE DETECTION. Forest Service, US Dept. of Agriculture; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1969. 25 p. $.35

E-186 PROTECTING THE FORESTS FROM FIRE. Agriculture Information Bulletin no. 130. Forest Service, US Dept. of Agriculture; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; rev. 1969. 32 p. $.25

02.0303 NATURAL RESOURCES/PLANT LIFE/270 INSTRUCTION

E-180 FORESTS AND MAN. By Donald French, et al. Topeka Public and Parochial Schools, 1601 Van Buren, Topeka, KS 66612; 1973. 1 v. (various pagings) A unit for secondary science students.

E-181 CONSERVATION EDUCATION MATERIALS, HIGH SCHOOL & YOUTH. Eastern Region, Forest Service, US Dept. of Agriculture, 633 W. Wisconsin Ave., Milwaukee, WI 53203; n.d. assorted materials in folder. Forests and trees; includes IMPORTANT TREES OF EASTERN FORESTS

E-182 CONSERVATION EDUCATION MATERIALS, GRADES 5-9. Eastern Region, Forest Service, US Dept. of Agriculture, 633 W. Wisconsin Ave., Milwaukee, WI 53203; n.d. assorted materials in folder. Includes TREES OF THE FOREST: THEIR BEAUTY AND USE; FORESTRY ACTIVITIES: PROTECTING THE FORESTS FROM FIRE.

E-192 TREES WANT YOU. A MINI-COURSE ABOUT THE AMERICAN FOREST. American Forest Institute, 1619 Massachusetts Avenue NW, Washington, DC 20036; 197-. (7) p.

E-193 PLANTS THAT LIVE IN ODD PLACES. ECO-NEWS, an environmental newsletter for young people, vol. 7, no. 7. Environmental Action Coalition, 156 Fifth Ave., New York, NY 10010; 1977. 7 p. plus teacher's guide

E-197 FIVE SENSES GARDEN. By Patricia A. Chilton. Kalamazoo Soil Conservation District, 6127 Sprinkle Rd., Kalamazoo, MI 49001; n.d. 4 l. photocopy Elementary level.

E-198 STUDY GUIDE FOR THE FLOODWATCHER. By Thomas Fegely and Bud Souders. Educational Services Div., Rodale Press, Inc., Emmaus, PA 18049; 1971. 37 p. Introduction to organic gardening; includes a short play.

E-199 RODALES HANDBOOK OF COMPOSTING. Compiled by the staff of Rodale Press Educational Services; edited by Lynn Miller Rinehart. Rodale Press, Inc., Emmaus, PA 18049; 1972. 34 p.

E-200 TEACHING ORGANIC GARDENING. Organic Classroom Series Unit no. 3. By the staff of Organic Gardening and Farming Magazine; edited by Rita Reemer. Rodale Press, Inc., Emmaus, PA 18049; 1973. 116 p.

02.0303 NATURAL RESOURCES/PLANT LIFE/320 LIBRARY MATERIALS

E-179 THE SMALL FOREST LAND OWNER: OWNERSHIP AND CHARACTERISTICS. Exchange Bibliography 1113. By William B. Kurtz and Mark B. Lapping. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1976. 13 p. $1.50

02.0304 NATURAL RESOURCES/WILDLIFE/050 AUDIO/VISUAL MATERIALS & METHODS

E-50 THE WORLD OF ENDANGERED WILDLIFE. The National Wildlife Federation, 1412 16th St. NW, Washington, DC 20036; 1975. 1 col. filmstrip (103 fr.), audio cassette, teachers guide, Endangered species, list of endangered species, 5 Wildlife Notes $26.00

02.0303 NATURAL RESOURCES/WILDLIFE/070 BIOLOGY

E-95 ENDANGERED SPECIES. John Strohm, ed. National Wildlife Federation, 1412 16th St. NW, Washington, DC 20036; 197-. 63 p.

E-203 THE STATUS OF THE WORLD'S WHALES. By Edward D. Mitchell. Published by the Canadian Nature Federation, 46 Elgin St., Ottawa, Canada K1P 5K6; n.d. 25 p. Reprinted from NATURE CANADA, Vol. 2, No. 4, October/December 1973, for Environment Canada, Fisheries and Marine Service.

E-204 THE STATUS OF WHALES. By Victor B. Scheffer. California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118; 1975. 8 l. photocopy. From PACIFIC DISCOVERY: A JOURNAL OF NATURE AND MAN IN THE PACIFIC WORLD

E-205 LIST, BY CLASS, OF ENDANGERED AND THREATENED ANIMAL SPECIES AND SUBSPECIES FOUND OUTSIDE U.S., PUERTO RICO, VIRGIN ISLANDS, AMERICAN SAMOA, GUAM, AND TRUST TERRITORY. National Wildlife Federation, 1412 Sixteenth St. NW, Washington, DC 20036; 1976. 14 p. single copy free, additional $.10 each.

E-206 LIST, BY STATE, OF ENDANGERED AND THREATENED ANIMAL SPECIES AND SUBSPECIES OF U.S., PUERTO RICO, VIRGIN ISLANDS, AMERICAN SAMOA, GUAM, AND TRUST TERRITORY. National Wildlife Federation, 1412 Sixteenth St. NW, Washington, DC 20036; 1977. 12 p. single copy free, additional $.05 each.

E-209 MIND IN THE WATERS: A BOOK TO CELEBRATE THE CONSCIOUSNESS OF WHALES AND DOLPHINS. Assembled by Joan McIntyre. Charles Scribner's Sons, 597 Fifth Ave., New York, NY 10017; 1974. 240 p. $6.25

E-211 HISTORY, STATUS, AND CONSERVATION PROBLEMS OF THE GREAT WHALE POPULATIONS. By Lee M. Talbot. n.p.; n.d. 36 p. in 18 photocopy Paper delivered at SYmposium on Endangered Species: Causation and Remedies, American Association for Advancement of Science, San Francisco, CA, Feb. 28, 1974.

E-220 WILDLIFE OF FARM AND FIELD. By John D. Bulger. National Wildlife Federation., 1412 Sixteenth St. NW, Washington, DC 20036; 1969. 14 p. $.10

E-221 WILDLIFE OF LAKES, STREAMS, AND MARSHES. By H.R. Morgan. National Wildlife Federation, 1412 Sixteenth St. NW, Washington, DC 20036; 1969. 11 p. single copy free, additional $.10 each

E-222 WILDLIFE OF FORESTS AND RANGELANDS. By William L. Reavley. National Wildlife Federation, 1412 Sixteenth St. NW, Washington, DC 20036; 1964. 12 p. $.10

E-223 WE CAN SAVE THE EAGLE. National Wildlife Federation, 1412 Sixteenth St. NW, Washington, DC 20036; 1976. (5) p. single copy free, additional copies $.15 each

E-225 SHOULD WE HUNT? National Wildlife Federation, 1412 Sixteenth St. NW, Washington, DC 20036; n.d. 7 p. folder

E-607 WHALES, DOLPHINS, AND PORPOISES OF THE WESTERN NORTH ATLANTIC: A GUIDE TO THEIR IDENTIFICATION. By Stephen Leatherwood, et al. US Dept. of Commerce, National Oceanic and Atmospheric Administration; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1976. 51 p. $2.45 Stock #003-020-00-119-0

02.0304 NATURAL RESOURCES/WILDLIFE/160 ENVIRONMENT

E-207 PLACING AMERICAN WILDLIFE MANAGEMENT IN PERSPECTIVE. By Maryland National Capital Park & Planning Commission. Wildlife Management Institute, 1000 Vermont Ave. NW, 709 Wire Bldg., Washington, DC 20005; 197-. 27 p.

02.0304 NATURAL RESOURCES/WILDLIFE/210 FACILITIES

E-202 NESTING HELPS: A BIRDHOUSE CONSTRUCTION GUIDE. By William Hailcourt. Div. of Forestry, Fisheries, and Wildlife Development, Tennessee Valley Authority, Norris, TN 37828; n.d. (6) p. From FIELD BOOK OF NATURE AND CONSERVATION, G.P. Putnam's Sons, New York; 1961.

E-228 INVITE WILDLIFE TO YOUR BACKYARD. By Jack Ward Thomas, Robert O. Brush and Richard M. DeGraaf. National Wildlife Federation, 1412 Sixteenth St. NW, Washington, DC 20036; 1976? 12 p. Reprinted from April-May 1973 NATIONAL WILDLIFE MAGAZINE.

E-229 RECYCLE FOR THE BIRDS. National Wildlife Federation, 1412 Sixteenth St. NW, Washington, DC 20036; 1976? 8 p. How to make bird feeders from household discards. Reprinted from RANGER RICK NATURE MAGAZINE, Dec. 1976.

E-232 SQUIRREL DEN BOXES. Kalamazoo Soil Conservation District, 6127 Sprinkle Rd., Kalamazoo, MI 49001; n.d. 1 l. photocopy

E-233 BUILDING BRUSHPILES FOR WILDLIFE. Soil Conservation Service, US Dept. of Agriculture; 1973. 1 l. photocopy

02.0304 NATURAL RESOURCES/WILDLIFE/230 GOVERNMENT

E-210 THOUSANDS OF DOLPHINS DIE IN TUNA NETS WHILE FISHERMEN AND GOVERNMENT AGENCIES MANEUVER. Prepared by the Animal Protection Institute of America, 5894 S. Land Park Dr., P.O. Box 22505 Sacramento, CA 95822; 1977. 6 p. folder

02.0304 NATURAL RESOURCES/WILDLIFE/270 INSTRUCTION

E-208 ANIMALS. By Donald French, et al. Topeka Public Schools, 1601 Van Buren, Topeka, KS 66612; 1973. 1 v. (various pagings) A rough draft for intermediate-level elementary school students.

E-227 WILDLIFE NOTES. National Wildlife Federation, 1412 Sixteenth St., NW Washington DA 20036; n.d. (90) p. Consists of two-page information sheets on 45 species of animals and birds.

E-230 BIRDWATCHING WITH ROGER TORY PETERSON. National Wildlife Federation, 1412 Sixteenth St. NW, Washington DC 20036; 1973. 15 p. single copy free, additional $.25 each

E-231 ANIMALS: WHAT, WHO, WHERE, HOW, AND WHY. By Clarence Kellog, et al. Outdoor-Environmental Education, Topeka Public Schools, 1601 Van Buren, Topeka, KS 66612; 1975. 1 v. (various pagings) Upper Elementary

02.0304 NATURAL RESOURCES/WILDLIFE/350 OCCUPATIONS

E-226 CONSERVATION OFFICER. Project LOOM, AP2. By Jean Fawley. Florida Dept. of Education, Div. of Vocational, Technical and Adult Education, Tallahassee, FL 32304; 1973. 22 l. Elementary grades

02.0304 NATURAL RESOURCES/WILDLIFE/390 PHYSICAL EDUCATION & RECREATION

E-224 HUNTING AND CONSERVATION. National Wildlife Federation, 1412 Sixteenth St. NW, Washington DC 20036; 1975. (6) p. single copy free, additional $.15 each.

02.0304 NATURAL RESOURCES/WILDLIFE/450 RESEARCH

E-234 MARINE MAMMAL COMMISSION: ANNUAL REPORT, CALENDAR YEAR 1976. Marine Mammal Commission,1625 Eye St. NW, Washington DC 20006; 1977. 71 p.

02.0305 NATURAL RESOURCES/FISH/070 BIOLOGY

E-212 MANAGING WITH EXOTICS--A GAME OF CHANCE. By John J. Magnuson. American Fisheries Society; 1976. 9 p. Reprinted from TRANSACTIONS OF THE AMERICAN FISHERIES SOCIETY, Vol. 105, No. 1. The instability of species structure in lakes and its effects on fish management.

E-213 FISH OF LAKE MICHIGAN. By Warren Downs. WIS-SG-74-121. Sea Grant College Program, University of Wisconsin-Madison, WI 53706; 1974. 32 p.

E-214 FISH OF LAKE SUPERIOR. By Warren Downs. WIS-SG-76-124. Sea Grant Communications Office, 1300 University Ave., Madison, WI 53706; 1976? 36 p.

E-218 ARTIFICIAL IMPRINTING OF SALMON AND TROUT IN LAKE MICHIGAN. Sea Grant Advisory Report #414; DNR Fish Management Report 80. By Allan T. Scholz, et al. Wisconsin Dept. of Natural Resources, Madison, WI 53701; 1975. 45 p.

02.0305 NATURAL RESOURCES/FISH/390 PHYSICAL EDUCATION & RECREATION

E-215 WISCONSIN'S LAKE MICHIGAN CHARTER FISHING INDUSTRY. Advisory Report #11. By Robert B. Ditton, William A. Strang, and Michael T. Dittrich. Sea Grant College Program, University of Wisconsin-Madison, WI 53706; 1975. 21 p.

E-219 ICE FISHING. WIS-SG-73-115. By Warren Downs. Sea Grant Communications Office, University of Wisconsin-Madison, WI 53706; 1973? 23 p.

02.0305 NATURAL RESOURCES/FISH/450/RESEARCH

E-216 A DIGEST OF SEA GRANT AQUACULTURE RESEARCH. Edited by Kathi Jensen. College of Marine Studies, University of Delaware, Newark, DE 19711; 1976. 41 p.

02.0308 NATURAL RESOURCES/OCCUPATIONS/110 CURRICULUM

E-646* INTEGRATED SURFACE MINING AND RECLAMATION TECHNIQUES: A CURRICULUM FOR TRAINING SURFACE MINING PERSONNEL. Dept. of Mineral Engineering, College of Earth and Mineral Sciences, Pennsylvania State University, University Park, PA 16802; 1973. 127 p.

02.0308 NATURAL RESOURCES/OCCUPATIONS/350 OCCUPATIONS

E-27 EXPLORING OCCUPATIONS IN THE NATURAL RESOURCES: A STUDENT RESOURCE GUIDE FOR THE MIDDLE SCHOOL. Dept. of Agricultural Education, Pennsylvania State University; for sale by the Supt. of Docs., US Govt. Print. Off., Washington DC 20402; 1973. 91 p.

E-77 OCCUPATIONAL PREPARATION IN THE NATURAL RESOURCES: A SUGGESTED HIGH SCHOOL CURRICULUM GUIDE. Dept. of Agricultural Education, Pennsylvania State University; for sale by the Supt. of Docs., US Govt. Print. Off., Washington DC 20402; 1973. 69 p.

E-78 CONSERVATION DAY. Lincoln High School Career Education Planning Outline. By John Engelian and Florian Kleiber. Lincoln High School, 311 Lincoln St., Wisconsin Rapids, WI 54494; 1973. 5 1. A Career awareness day for natural resource occupations.

E-80 CONSERVATION CAREERS. National Wildlife Federation, 1412 Sixteenth St. NW, Washington DC 20036; 1975. 10 p. single copy free, additional $.15 each

E-130 THE OCEANS AND YOU. 2nd ed. Marine Technology Society, 1730 M St. NW, Suite 412, Washington DC 20036; 1973. 77 p. $3.00 Includes career prospects, curricula, and a reading list.

E-150 PREPARATION OF THE INTERPRETIVE NATURALIST. The Association of Interpretive Naturalists, Inc., 1251 E. Broad St., Columbus, OH 43205; 1969. (6) p.

E-154 THE ENVIRONMENTAL INTERPRETER. The Association of Interpretive Naturalists, Inc. Reprinted by Recreation and Parks Program, College of Health, Physical Education and Recreation, The Pennsylvania State University, University Park, Pennsylvania 16802; 1976? 7 p.

02.0400 ENERGY (GENERAL CONCEPTS)/110 CURRICULUM

E-438 ENERGY: HERE TODAY? TOMORROW: A TWO WEEK SELF-CONTAINED UNIT FOR THE SECONDARY SCHOOLS. Delawareans for Energy Conservation, 2303 Mousley Place, Beacon Hill, Wilmington, DE 19810; 1977. 90 p.

E-440 ENERGY-ENVIRONMENT MINI-UNIT GUIDE. By Stephen M. Smith, ed., et. al. National Science Teachers Association, 1742 Connecticut Avenue, NW, Washington DC 20009; 1975. 220 p. $3.00 Includes 7 mini-units providing materials for science and social studies teachers in grades K-12.

02.0400 ENERGY (GENERAL CONCEPTS)/140 EDUCATION

E-241 ENERGY EDUCATION. American Association for the Advancement of Science, 1515 Massachusetts Ave. NW, Washington DC 20005; n.d. 8 p. Issue of SCIENCE EDUCATION NEWS, May 1974.

02.0400 ENERGY (GENERAL CONCEPTS)/160 ENVIRONMENT

E-103 A LOW ENERGY SCENARIO FOR THE UNITED STATES, 1975-2050. IES report, 83. By John S. Steinhart, et al. Institute for Environmental Studies, 1225 W. Dayton St., Madison, WI 53706; 1977. 41 p. Limited distribution

02.0400 ENERGY (GENERAL CONCEPTS)/180 EVALUATION

E-245 NATIONAL ENERGY POLICY: AN AGENDA FOR ANALYSIS. Report to the Congress by the Comptroller General of the United States. US General Accounting Office, Washington DC 20548; 1976. 56 p.

02.0400 ENERGY (GENERAL CONCEPTS)/230 GOVERNMENT

E-480 ENERGY: ISSUES FACING THE 95TH CONGRESS. US General Accounting Office, Room 4552, 441 G. Street, NW Washington DC 20548; 1977. 88 p. Free to educational institutions.

02.0400 ENERGY (GENERAL CONCEPTS)/270 INSTRUCTION

E-236 ENERGY. By Donald French, et al. Topeka Public and Parochial Schools, 1601 Van Buren, Topeka, KS 66612; 1974. Approx. 80 p. $2.50 For intermediate-level elementary school students.

E-237 THEY WON'T LAST FOREVER. n.p.; n.d. 10 p. photocopy Classroom activities illustrating the use of nonreplenishable energy resources. Elementary grades.

E-240 ENERGY AND YOUR FUTURE: A TWO WEEK MODULE FOR SECONDARY SCHOOLS. By Robert E. King. Topeka Public Schools, 1601 Van Buren St., Topeka, KS 66612; 1974? (44) p.

E-246 A POWER PLANT PRIMER. Topeka Public Schools, 1601 Van Buren, Topeka, KS 66612; n.d. 33 p. Describes the technology of electrical power generation

E-256 EARTHBEATS No. 1: ENERGY. Institute for Environmental Studies and the Sea Grant College Program, University of Wisconsin-Madison, WI 53706; 1977. (8) p.

E-257 THE HOUSEHOLD ENERGY GAME. Advisory Report #409. By Thomas W. Smith and John Jenkins. Sea Grant College Program, University of Wisconsin-Madison, WI 53706; 1974. 20 p. Energy conservation.

E-479 THE ENERGY CHALLENGE: AN ACTIVITY MASTER PROGRAM ABOUT OUR ENERGY PAST, PRESENT, AND FUTURE. FOR GRADES 5 THROUGH 8. Prepared by the Federal Energy Administration. The Energy Challenge, Box 14306, Dayton, OH 45414; n.d. 12, 24 p. Includes 24 duplicator masters. Free

02.0400 ENERGY (GENERAL CONCEPTS)/320 LIBRARY MATERIALS

E-238 ENERGY: SELECTED RESOURCE MATERIALS FOR DEVELOPING ENERGY EDUCATION/CONSERVATION PROGRAMS. Prepared by Jonathan M. Wert. National Wildlife Federation, 1412 Sixteenth St. NW, Washington DC 20036; 1975? 22 p. single copy free, additional copies $.10 each.

E-242 A COMPOSITE OF ENERGY CURRUCULUM GUIDES AND ENRICHMENT MATERIALS. Prepared by Michael A. Magnoli and Jonathan M. Wert. Mobile County Public Schools, Mobile, AL 36601; 1975. 11 1. Bibliography of curriculum guides and materials on energy.

E-243 ENERGY CRISIS IN THE UNITED STATES: A SELECTED BIBLIOGRAPHY OF NON-TECHNICAL MATERIALS. Exchange Bibliography 550. By Nan C. Burg. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1974. 67 p. $6.50

E-248 ENERGY CONSERVATION IN THE FOOD SYSTEM: A PUBLICATIONS LIST. Federal Energy Administration; for sale by the Supt. of Docs., US Govt. Print. Off., Washington DC 20402; 1976. 73 p. $1.45 Stock no. 041-018-00110-7

E-253 ENERGY: A LIST OF RESOURCES. Prepared by Fred Posthuma. Westfield High School, Westfield, WI 53964; n.d., 7 l.

02.0400 ENERGY (GENERAL CONCEPTS)/460 RESOURCES

E-254 ENERGY & POWER JOURNAL. Vol. 1, No. 2. NECEP, P.O. Box 618, Concord, MA 01742; Oct. 1976. 32 p. quarterly, $8.00 per year Official publication of the National Educational Council on Energy and Power.

E-540 ENERGY AND THE SIERRA CLUB. Sierra Club, 530 Bush Street, San Francisco, CA 94108; 1977. (8) p.

02.0401 ENERGY/SOURCES/270 INSTRUCTION

E-239 ELECTRICAL PRODUCTION AND POLLUTION CONTROL. By Donald French, et al. Topeka Public and Parochial Schools, 1601 Van Buren, Topeka, KS 66612; 1974. 1 v. (various pagings) A unit for secondary science students.

02.0401 ENERGY/SOURCES/460 RESOURCES

E-247 FACTSHEET. National Science Teachers Association, 1742 Connecticut Ave. NW, Washington DC 20009; 1976. series of 4-p fact sheets on energy, single copies free. Library has: 1. Fuels from plants (Bioconversion). 2. Fuels from wastes (Bioconversion). 3. Wind power. 4. Electricity from the sun I (Solar photovoltaic energy). 5. Electricity from the sun II (Solar thermal energy conversion). 6. Solar sea power (Ocean thermal energy conversion). 7. Solar heating and cooling. 8. Geothermal energy. 11. Energy conservation (transportation). 15. New fuels from coal. 19. Alternative energy sources: a bibliography.

E-250 ENERGY. National Wildlife Federation, 1412 Sixteenth St. NW, Washington DC 20036; 1974. (8) p. single copy free; additional copies $.10 each Reprinted from NATIONAL WILDLIFE, Oct.-Nov. 1974

E-251 THE BEST PRESENT OF ALL. By Oliver A. Houck. National Wildlife Federation, 1412 Sixteenth St. NW, Washington DC 20036; 1974. 23 p. single copy free, additional copies $.15 each. The king wants to give heat and light to the children of his kingdom. Reprinted from RANGER RICK'S NATURE MAGAZINE.

E-252 TO SECURE ADEQUATE FUTURE ENERGY. Wisconsin Energy Coalition, 324 E. Wisconsin Ave., Milwaukee, WI 53202; 1976. 11 p. free

02.04011 FOSSIL FUELS/460 RESOURCES

E-255 THE NATURAL GAS STORY. Federal Energy Administration, Washington DC 20461; 1975. 18 p.

02.04012 NUCLEAR ENERGY/180 EVALUATION

E-258 NUCLEAR POWER AND THE ENVIRONMENT: QUESTIONS AND ANSWERS. American Nuclear Society, 244 E. Ogden Ave., Hinsdale, IL 60521; 1975. 64 p.

02.04012 NUCLEAR ENERGY/250 HEALTH & SAFETY

E-481 SECURITY AT NUCLEAR POWERPLANTS--AT BEST, INADEQUATE. Prepared by Nuclear Regulatory Commission. US General Accounting Office, Room 4552, 441 G. Street, NW Washington DC 20548; 1977. 25 p. Free

E-539 NUCLEAR POWER AND THE SIERRA CLUB. Sierra Club, 530 Bush St., San Francisco, CA 94108; 1977. 12 p.

02.04012 NUCLEAR ENERGY/270 INSTRUCTION

E-449 FACT SHEET ON NUCLEAR FISSION POWER PLANTS. Committee for Environmental Information, 560 Trinity Ave., St. Louis, MO 63130; 1977. 2 l.

02.04013 SOLAR ENERGY/130 DEVELOPMENT

E-259 SOLAR ENERGY NOW. By James Spaulding. Sierra Club, 530 Bush St., San Francisco, CA 94180; 1974? 5 p. Reprinted from the SIERRA CLUB BULLETIN, May 1974.

02.04013 SOLAR ENERGY/270 INSTRUCTION

E-608 BUYING SOLAR. By Joe Dawson. Federal Energy Administration; for sale by the Supt. of Docs., US Govt. Print. Off., Washington DC 20402; 1976. 71 p. $1.85 Stock no. 041-018-00120-4. How home solar energy systems work and how to decide whether or not to install one.

E-609 SOLAR HEATING AND COOLING: AN ECONOMIC ASSESSMENT. By Arthur E. McGarity. National Science Foundation; for sale by the Supt. of Docs., US Govt. Print. Off., Washington DC 20402; 1975? 53 p. $1.20. Stock no. 038-000-00300-3

E-610 USABLE ELECTRICITY FROM THE SUN. Energy Research and Development Administration; for sale by the Supt. of Docs., US Govt. Print. Off., Washington DC 20402; 197-. (10) p. $.35 Stock no. 060-000-00039-5

E-611 SOLAR ENERGY IN AMERICA'S FUTURE: A PRELIMINARY ASSESSMENT. Energy Research and Development Administration; for sale by the Supt. of Docs., US Govt. Print. Off., Washington DC 20402; 1977. 104 p. $2.00 Stock no. 060-000-00051-4

02.04013 SOLAR ENERGY/320 LIBRARY MATERIALS

E-244 SOLAR HOME HEATING AND COOLING: TECHNOLOGY AND DIFFUSION. Exchange Bibliography 1235. By W.R. Derrick Sewell and Harold D. Foster. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1977. 41 p. $4.00

E-249 TEACHING SOLAR. By A.M. McCormich. Center for VTAE, University of Wisconsin-Stout, Menomonie, WI 54751; 197-. (2) p.

02.0500 LAND USE, GENERAL/050 AUDIOVISUAL MATERIALS & METHODS

E-314 OUR LAND: USES AND VALUES. By Robert Scrofani, produced by Judith Bantz. Warren Schloat Productions, Inc. Prentice-Hall Media, 150 White Plains Rd., Tarrytown, NY 10591; 1972. Teacher's guide, 3 audio-cassettes and 3 col. filmstrips in box $72.00 CONTENTS: 1. What gives value to land?, 102 frames, running time 13 min.-2. How is land owned?, 94 frames, running time 14 min.-3. Land and the United States, 105 frames, running time 13 min.

02.0500 LAND USE, GENERAL/180 EVALUATION

E-265 SOCIAL IMPACTS OF LAND DEVELOPMENT: AN INITIAL APPROACH FOR ESTIMATING IMPACTS ON NEIGHBORHOOD USAGES AND PERCEPTIONS. By Kathleen Christensen. Publications Office, The Urban Institute, 2100 M St. NW Washington DC 20037; 1976. 144 p. $3.95 URI 15700

E-266 ECONOMIC IMPACTS OF LAND DEVELOPMENT: EMPLOYMENT, HOUSING, AND PROPERTY VALUES. By Thomas Muller. Publications office, The Urban Institute, 2100 M St. NW, Washington DC 20037; 1976. 148 p. $3.95 URI 15800

E-267 USING AN IMPACT MEASUREMENT SYSTEM TO EVALUATE LAND DEVELOPMENT. By Philip S. Schaeman. Publications Office, The Urban Institute, 2100 M St. NW, Washington DC 20037; 1976. 106 p. $3.95 URI 15500

02.0500 LAND USE, GENERAL/220 FINANCE

E-277 THE GROWTH SHAPERS: THE LAND USE IMPACTS OF INFRASTRUCTURE INVESTMENTS. Prepared by Urban Systems Research & Engineering, Inc. President's Council on Environmental Quality; for sale by the Supt. of Docs., US Govt. Print. Off., Washington DC 20402; 1976. 71 p. $1.30 S/N 041-011-00029-7

02.0500 LAND USE, GENERAL/230 GOVERNMENT

E-268 THE LAW OF THE LAND: DEBATING NATIONAL LAND USE LEGISLATION 1970-75. By Noreen Lyday. The Urban Institute, 2100 M St. NW, Washington DC 20037; 1976. 53 p. $3.00 URI 15200

E-269 CITIZEN INVOLVEMENT IN LAND USE GOVERNANCE: ISSUES AND METHODS. By Nelson M Rosenbaum. The Urban Institute, 2100 M St. NW, Washington DC 20037; 1976. 82 p. $3.50 UI 207-785-4

E-270 LAND USE AND THE LEGISLATURES: THE POLITICS OF STATE INNOVATION. By Nelson Rosenbaum. The Urban Institute, 2100 M St. NW, Washington DC 20037; 1976. 93 p. $3.50 UI 206-875-3-3

02.0500 LAND USE, GENERAL/270 INSTRUCTION

E-264 W.A.L.R.U.S. (WATER AND LAND RESOUPCE UTILIZATION SIMULATION): PLAYER'S MANUAL (WISCONSIN VERSION). Sea Grant Advisory Report No. 3 By Charles Thurow, John Steinhart, Tom Smith. Sea Grant Communications Office, University of Wisconsin-Madison, WI 53706; 1973 19 p. Describes how to play a land use/land planning game. Manual only, board, markers, etc., not supplied

E-278 LAND USE UNIT. Edmonds School District no. 15, Lynnwood, WA 98036; 1974. 1 v. (various pagings)

E-461 THE LAND USE GAME. Cardinal Printers, Wesleyan University, Middletown, CT 06457; 1971. Game with playing surface, planning pieces, teaching guide $4.00

E-595 LAND USE--A SIMULATION ACTIVITY. Environmental activity model. By Robert Warpinski. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main St., Green Bay, WI 54301; 197-. 2 p. $.10 Grades 4-8

E-596 A LAND ETHIC. Environmental activity model. By Robert Warpinski. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main St., Green Bay, WI 54301; 197-. 5 p. $.20 Grades 7-12

02.0500 LAND USE, GENERAL/320 LIBRARY MATERIALS

E-280 LAND ANALYSIS FOR COMMUNITY PLANNING: AN ANNOTATED BIBLIOGRAPHY. Exchange Bibliography 738. By Robert A. Levine. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 17 p. $1.50

E-282 BIBLIOGRAPHY OF STATE LAND RESOURCES PLANNING, 1960-1974 (PRELIMINARY EDITION): INDEXED BY TOPIC, YEAR, STATE, AGENCY. Exchange Bibliography 769-770 and 771. By David Hess. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 3 v. 512 p.

E-283 BIBLIOGRAPHY OF STATE LAND RESOURCES PLANNING, 1960-1974 (PRELIMINARY EDITION): INDEXED BY STATE, TOPIC, YEAR, AGENCY. Exchange Bibliography 772-773 and 774. By David Hess. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 3 v. 520 p.

E-284 THE APPLICATION OF ECOLOGICAL CONCEPTS TO PLANNING: AN INITIAL ANNOTATED BIBLIOGRAPHY. Exchange Bibliography 855. By Steven R. Woodbury. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 11 p. $1.50

E-285 CHEAP COAL AND HOLLOW PROMISES: A LAND-USE FAILURE. By William Greenburg. Sierra Club, 530 Bush St., San Francisco, CA 94108; 1973 4 p. Reprinted from the SIERRA CLUB BULLETIN, March 1973.

E-286 THE STEWARDSHIP OF THE LAND: A SELECTED BIBLIOGRAPHY OF CURRENT READINGS. Exchange Bibliography 452. By Pam Danials. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1973. 16 p. $1.50

E-287 THE CONVERSION OF LAND FROM RURAL TO URBAN USE. Exchange Bibliography 721. By Alan C. London, Wesley D. Seitz, and Clyde W. Forrest, Jr. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 9 p. $1.50

E-288 ZONING-EXCLUSIONARY ZONING: A SELECTED BIBLIOGRAPHY. Exchange Bibliography 684. By David Listokin, et al. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1974. 50 p. $5.00

E-289 EXCLUSION AND LAND USE: A COMMENT AND A RESEARCH BIBLIOGRAPHY. Exchange Bibliography 654. By Randall W. Scott. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1974. 38 p. $3.50

E-291 ZONING FUNDAMENTALS: A BIBLIOGRAPHY OF SELECTED REFERENCES. Exchange Bibliography 495. By Robert D. Carpenter. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1973. 10 p. $1.50

E-292 PUBLIC RIGHTS IN SHORELINE RECREATION AREAS: A SELECTIVELY ANNOTATED BIBLIOGRAPHY. Exchange Bibliography 894. By David W. Owens. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 50 p. $5.00

E-296 SHORELINES AND BEACHES IN COASTAL MANAGEMENT: A BIBLIOGRAPHY. Exchange Bibliography 876. By Joseph M. Heikoff. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 63 p. $6.50

E-297 WATERFRONT DEVELOPMENT: A PARTIAL BIBLIOGRAPHY. Exchange Bibliography 1001. By Charles W. Barr. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1976. 31 p. $3.00

E-301 LANDSCAPE PLANNING AND DESIGN. Exchange Bibliography 998. By Joseph Francis Gentili. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1976. 26 p. $2.50

E-303 LANDSCAPE PLANNING BIBLIOGRAPHY. Exchange Bibliography 1012. By Charles Yuill. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1976. 71 p. $7.00

E-305 OPEN SPACE LANDS PRESERVATION TECHNIQUES: A LITERATURE REVIEW OF INNOVATIVE METHODS. Exchange Bibliography 896. By Charles E. Roe. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 25 p. $2.50

E-306 COMMUNITY ORGANIZATION: URBAN & RURAL PLANNING AND DEVELOPMENT. Exchange Bibliography 884. By Robert Dimit and others. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 31 p. $3.00

E-307 BIBLIOGRAPHY OF PERFORMANCE STANDARDS FOR LAND USE PLANNING. Exchange Bibliography 962. By James R. Pease. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1976. 6 p. $1.50

02.0500 LAND USE, GENERAL/460 RESOURCES

E-271 ZONING AND FINANCIAL INCENTIVES FOR RESERVATION OF MINERAL LANDS IN WISCONSIN. Prepared by Wisconsin Dept. of Natural Resources and Wisconsin Geological and Natural History Survey. University of Wisconsin-Extension, Geological and Natural History Survey, 1815 University Ave., Madison, WI 53706; 1976. 151 p.

02.0500 LAND USE, GENERAL/510 TECHNIQUES

E-600 WHAT'S THE USE OF THE LAND? A SECONDARY SCHOOL SOCIAL STUDIES PROJECT. By the Jefferson County, Colorado, Public Schools with an interdisciplinary environmental education team under the direction of Anthony J. Petrillo. National Aeronautics and Space Administration, Washington DC 20546; 1976. 57 p. $1.45 USGPO stock no. 033-000-00665-9. How to do it manual for a student land use survey.

02.0501 LAND USE, RURAL/160 ENVIRONMENT

E-313 SUBDIVIDING THE WILDERNESS. By Ron Taylor. McClatchy Newspapers, Sacramento, CA 1970. 16 p. Describes conditions in California

E-536 SIERRA CLUB AGRICULTURE POLICY. Sierra Club, 530 Bush St., San Francisco, CA 94108; 197-. (4) p. Includes bibliography

02.0501 LAND USE, RURAL/180 EVALUATION

E-276 SUBDIVIDING RURAL AMERICA: IMPACTS OF RECREATIONAL LOT AND SECOND HOME DEVELOPMENT. EXECUTIVE SUMMARY. Prepared by the American Society of Planning Officials. President's Council on Environmental Quality; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1976. (24) p. $.75 S/N 040-000-00358-4

02.0501 LAND USE, RURAL/230 GOVERNMENT

E-102 THE ENVIRONMENTAL PROTECTION AGENCY AND THE PROTECTION OF FARMLAND. By Douglas M. Costle. US Environmental Protection Agency, Washington DC 20460; 1977. 9 p. Transcript of a speech

E-262 WHO OWNS THE BIG SKY? By Laney Hicks. Sierra Club, 530 Bush St., San Francisco, CA 94108; n.d. 7 p. Reprinted from the SIERRA CLUB BULLETIN, July/Aug. 1974. Stripmines versus rangelands in Montana

E-532 OUR LARGEST WILDERNESS RESOURCE: BLM ROADLESS AREAS. By Linda M.B. Haverfield. Sierra Club, 530 Bush St., San Francisco, CA 94108; 1977. 3 p. Criticizes bureau of hard management policies. Reprinted from the SIERRA CLUB BULLETIN, Oct. 1976

02.0501 LAND USE, RURAL/320 LIBRARY MATERIALS

E-281 SELECTED MATERIALS FOR PLANNING THE RECLAMATION OF MINED LAND. Exchange Bibliography 795. By Jerry E. Green. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 8 p. $1.50

E-293 ENVIRONMENT, MIGRATION, AND THE MANAGEMENT OF RURAL RESOURCES. PART 3: FARM ECONOMICS, LAND USE AND SPATIAL ANALYSIS. Exchange Bibliography 1145. By William C. Found. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1976. 42 p. $4.00

E-310 SECOND HOMES, VACATION HOMES: POTENTIALS, IMPACTS AND ISSUES. AN ANNOTATED BIBLIOGRAPHY. Exchange Bibliography 839. By Ambrose Klain and Dennis M. Phelan. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 35 p. $3.50

02.0502 LAND USE, URBAN/270 INSTRUCTION

E-593 TASK ASSIGNMENTS FOR URBAN ENVIRONMENTAL INVESTIGATIONS. Environmental activity model. Project I-C-E, Instruction-Curriculum-Environment, 1927 Main St., Green Bay, WI 54301; 197-. 4 p. $.20

E-598 NEIGHBORHOOD RESPONSE IN LAND USE PLANNING: A ROLE PLAYING GAME. Instructional activities series IA/S-10. By A. Rees Clark and Roman A. Cybriwsky. National Council for Geographic Education, n.p., 1975. 21 p. Quite sophisticated, 12th grade up

02.0502 LAND USE, URBAN/320 LIBRARY MATERIALS

E-294 URBAN PLANNING AND SOCIAL WORK: THE PROFESSIONAL LINKAGES. AN ANNOTATED BIBLIOGRAPHY. Exchange Bibliography 841. By Barbara Rosenthal and Hillorie Salomon. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 20 p. $2.00

E-295 MINING, PLANNING, AND THE URBAN ENVIRONMENT: AN ANNOTATED BIBLIOGRAPHY, 1960-1975. Exchange Bibliography 881. By Fillmore C.F. Earney. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 36 p. $3.50

E-298 FLOOD PLAINS AND URBAN DEVELOPMENT: AN ANNOTATED BIBLIOGRAPHY. Exchange Bibliography 893. By Robert Wiseman and Donna Mikols. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 24 p. $2.50

E-299 URBAN HOMESTEADING: A BIBLIOGRAPHY. Exchange Bibliography 719. By Anthony G. White. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975, c1974. 6 p. $1.50

E-300 URBAN LAND USE MODELS: BIBLIOGRAPHY. Exchange Bibliography 959. By J.W. Dickey. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1976. 33 p. $3.50

E-312 SPACE AND ENVIRONMENT: AN ANNOTATED BIBLIOGRAPHY. Exchange Bibliography 954. By David R. Unruh. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1976. 51 p. $5.00

02.0502 LAND USE, URBAN/460 RESOURCES

E-260 THE CITY AS A PARK: THE URBAN ECOSYSTEM. Urban Ecology Series, no. 6. National Park Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington DC 20402; 1975. (20) p.

02.0505 LAND USE PLANS/020 ADMINISTRATION

E-274 MAKING MULTIPLE USE DECISIONS. Bureau of Land Management, US Dept. of the Interior, Washington, DC 20240; 1976. 22 p.

02.0505 LAND USE PLANS/080 COMMUNICATION

E-302 A THESAURUS OF PLANNING TERMS. Exchange Bibliography 983. By Robert W. Ditmer. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1976. 41 p. $4.00

02.0505 LAND USE PLANS/160 ENVIRONMENT

E-261 BETTER COMMUNITIES THROUGH RESOURCE PLANNING. Soil Conservation Service, US Dept. of Agriculture, Washington, DC; 1975 (31) p. Articles reprinted from Soil Conservation Magazine, 1973-1975.

E-533 LAND USE. Sierra Club, 530 Bush Street, San Francisco, CA 94108; 1974. (4) p. Outlines Sierra Club ideas for a US land policy

02.0505 LAND USE PLANS/230 GOVERNMENT

E-275 ONE-FIFTH OF OUR NATION'S LAND: LEFTOVERS OR NATIONAL RESOURCE? (and) ONE-FIFTH OF OUR NATION'S LAND: HOW SHOULD IT BE USED? Land use letters nos. 2 and 3. League of Women Voters of the US, 1730 M Street, NW, Washington, DC 20036; 1975. (12) p. $.25 per letter, About US public lands and the Bureau of Land Management's management of them.

E-279 A LEGISLATOR'S GUIDE TO LAND MANAGEMENT. By Frank Schnidman. Council of State Governments, Iron Works Pike, Lexington, KY 40511; 1974. 63 p. $3.00

02.0505 LAND USE PLANS/270 INSTRUCTION

E-263 UNIT ON POLITICAL DECISION-MAKING AND ACTION STRATEGY OVER A LOCAL ENVIRONMENTAL PROBLEM. By Robert Gutierrez. State of Florida Dept. of Education, 347 S. Duval St., Miles Johnson Building, Tallahassee, FL 32304; 1975. 46 p.

E-273 ENVIRONMENTAL ISSUES: A COURTROOM SIMULATION. Developed by Robert MacLagan. Environmental Education Coordinator, Bureau of Land Management (220), US Dept. of the Interior, Washington, DC 20240; 1975? (17) l. single copies free to teachers. Generally appropriate for grades 11-12, college and adult groups.

E-458 FUTURE TENSE: A WORKBOOK FOR PLANNING THE USE OF LAND. The Regional Studies Center, Boone Science Hall, Room 258, The College of Idaho, Caldwell, ID 83605; 1975. 80 p. Includes packet of role cards and task sheets for simulation gaming.

02.0505 LAND USE PLANS/320 LIBRARY MATERIALS

E-290 LAND USE PLANNING INFORMATION: BASIC CONSIDERATIONS. Exchange Bibliography 663. By John P. Worsham, Jr. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1974. 38 p. $4.00

E-304 BIBLIOGRAPHY OF STATE LAND RESOURCES PLANNING, 1970-1975 (SUPPLEMENTAL EDITION) INDEXED BY TOPIC, YEAR, STATE, AGENCY. Exchange Bibliography 845, 846, and 847. By David Hess. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 269 p. $12.50 Page 1 lacking.

E-308 LANDSCAPE ARCHITECTURE/ENVIRONMENTAL PLANNING: A CLASSIFIED BIBLIOGRAPHY. Exchange Bibliography 906. By Caroline Shillaber. Council of Planning Librarians, P.O.Box 229, Monticello, IL 61856; 1975. 93 p. $9.00

E-309 STATE LAND USE PLANNING: A SELECTED ANNOTATED BIBLIOGRAPHY. Exchange Bibliography 1191. By Joan D'Ambrosi. Council of Planning Librarians, P.O.Box 229, Monticello, IL 61856; 1976. 19 p. $2.00

E-311 BIBLIOGRAPHY OF STATE LAND RESOURCES PLANNING, 1970-1975 (SUPPLEMENTAL EDITION) INDEXED BY STATE, TOPIC, YEAR, AGENCY. Exchange Bibliography 848, 849 and 850. By David Hess. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 264 p. $12.50

02.0505 LAND USE PLANS/450 RESEARCH

E-272 MULTIPLE-USE PROBLEMS IN THE GREAT LAKES. Public Information Report No. 7. Sea Grant Communications Office, University of Wisconsin-Madison, WI 53706; 1970. 51 p. Based on a symposium, The Great Lakes--Sink? Or Swim?, 1970.

02.0600 POLLUTION, GENERAL/050 AUDIOVISUAL MATERIALS & METHODS

E-620 OUTDOOR RECREATION AND APPLIED ECOLOGY (WATER, AIR AND NOISE POLLUTION). Learning activity packets. Dept. of Public Instruction, Raleigh, NC 27611; 1975. 9 LAPs, 61 col. slides, transparency masters CONTENTS: Collecting water samples.-Sources of waste products.-Types of waste disposal. -Effects of air pollution in a recreational environment.-Safe use of chemicals.-Danger of loud noise for long periods of time.-Thermal pollution.-Effects of overpopulation. -Problems of population control. Transparency masters

02.0600 POLLUTION, GENERAL/160 ENVIRONMENT

E-335 THERE LIVED A WICKED DRAGON. SW-105. By Martha Finan. US Environmental Protection Agency; for sale by the Supt. of Docs., Govt. Print. Off., Washington, DC 20402; 30 p. $.55 "An environmental coloring book for children and adults." S/N 5502-00106

E-492 A CLEAR VIEW: GUIDE TO INDUSTRIAL POLLUTION CONTROL. By James Cannon. Rodale Press, Inc., Emmaus, PA 18049; 1976. 246 p. $3.95

02.0600 POLLUTION, GENERAL/230 GOVERNMENT

E-330 ACTION FOR ENVIRONMENTAL QUALITY: STANDARDS AND ENFORCEMENT FOR AIR AND WATER POLLUTION CONTROL. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1973. 20 p. $.65 S/N 5500-00087

E-331 THE CHALLENGE OF THE ENVIRONMENT: A PRIMER ON EPA'S STATUTORY AUTHORITY. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1972. 43 p. $.45

E-342 EPA: PROTECTING OUR ENVIRONMENT. US Environmental Protection Agency. Washington, DC 20460; 1977. 26 p. Describes structure and programs of the EPA.

02.0600 POLLUTION, GENERAL/250 HEALTH & SAFETY

E-332 POLLUTION AND YOUR HEALTH. Office of Public Affairs, US Environmental Protection Agency, Washington, DC 20460; 1976. 16 p.

02.0600 POLLUTION, GENERAL/270 INSTRUCTION

E-329 A GUIDE TO THE STUDY OF ENVIRONMENTAL POLLUTION. Contours: Studies of the Environment. By William A. Andrews, Donna K. Moore, and Alex C. LeRoy. Prentice-Hall, Educational Book Div., Englewood Cliffs, NJ 07632; 1972. 260 p. $4.95 Secondary/post-secondary level.

E-334 ENVIRONMENTAL EXCHANGE: A BEGINNING... A-107 President's Environmental Merit Awards Program, Public Affairs Office, US Environmental Protection Agency, Washington, DC 20460; 1975. 20 p. Workbook containing air, water, noise and solid waste experiments for the elementary, intermediate and secondary levels.

E-339 IMPROVE YOUR ENVIRONMENT: FIGHT POLLUTION WITH PICTURES. Kodak Customer Service Pamphlet AC-26. Consumer Markets Division, Kodak, Rochester, NY 14650; 1971? 56 p. How to use photography in environmental action projects.

E-344 CLOSING THE CIRCLE. INSTRUCTOR'S MANUAL... LITTER PREVENTION AND OTHER POLLUTION CONTROL PROJECTS FOR HIGH SCHOOL STUDENTS. Keep America Beautiful, Inc., 99 Park Ave., New York, NY 10016; 1972. 6 p. folder

E-435 BEFORE. . .AFTER ECO ACTION. Manufacturing Chemists Association, 1825 Connecticut Ave., NW, Washington, DC 20009; 1974. 20 p. Describes various cases in which companies successfully dealt with pollution problems.

02.0600 POLLUTION, GENERAL/320 LIBRARY MATERIALS

E-343 CURRENT LEGAL LITERATURE ON THREE ASPECTS OF ECOLOGY: AIR, NOISE, AND WATER POLLUTION. A SELECTED AND PARTIALLY ANNOTATED BIBLIOGRAPHY, 1969-1974. Exchange Bibliography 740. By Sherie Ann Abbasi. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 54 p. $5.50

E-503 CLEANING UP THE ENVIRONMENT. Selected Publications List no. 53. State Library of Ohio, 65 S. Front St., Columbus, OH 43215; 1977. 12 l.

02.0600 POLLUTION, GENERAL/340 MATHEMATICS

E-337 POLLUTION: PROBLEMS, PROJECTS AND MATHEMATICS EXERCISES, GRADES 6-9. Bulletin no. 1082. By George L. Henderson et al. Wisconsin Dept. of Public Instruction, 126 Langdon St., Madison, WI 54702; 196-? 84 p.

02.0600 POLLUTION, GENERAL/350 OCCUPATIONS

E-622 TRAINING REQUIREMENTS AND PERFORMANCE SPECIFICATIONS FOR: WASTEWATER TREATMENT PLANT OPERATORS, Project director, Oliver K. Schaer, Coordinating Council for Occupational Education, Trade, Industrial and Technical Education Section, 216 Old Capitol Bldg., Olympia, WA 98504; 197-. 55 p.

E-623 WASTE WATER PLANT OPERATORS MANUAL. Coordinating Council for Occupational Education, 216 Old Capitol Bldg., Olympia, WA 98504; 197-. 257 p.

E-624 WATERWORKS MANUAL--BASIC. Coordinating Council for Occupational Education, 216 Old Capitol Bldg., Olympia, WA 98504; 1972. 227 p.

02.0600 POLLUTION, GENERAL/400 PHYSICAL SCIENCES

E-340 TIRE PRODUCTION AND POLLUTION CONTROL. By Donald French et al. Topeka Public and Parochial Schools, 1601 Van Buren St., Topeka, KS 66612; rev. 1973. (40) p. A unit for secondary science students.

02.0600 POLLUTION, GENERAL/450 RESEARCH

E-338 MANAGING OUR ENVIRONMENT: A REPORT ON WAYS AGRICULTURAL RESEARCH FIGHTS POLLUTION. Agriculture Information Bulletin No. 351. Prepared by Agricultural Research Service, US Dept. of Agriculture; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; rev. 1972. 48 p. $.65 S/N 0100-1587

E-341 SOIL AND POLLUTION. US Environmental Protection agency, Washington, DC 20460; 1977. (13) p. EPA Journal, April 1977, Vol. 3, no. 4.

02.0601 AIR POLLUTION/050 AUDIOVISUAL MATERIALS & METHODS

E-52 AIR POLLUTION. By Jay Jacobson. Warren Schloat Productions, Inc., Prentice-Hall Media, 150 White Plains Road, Tarrytown, NY 10591; 1972. 2 col. filmstrips, 2 audio-cassettes, and 1 teacher's guide in box. $48.00

E-615 ECOLOGY: THE PROBLEM OF AIR POLLUTION. Visual Products Division, 3M Company, 3M Center, St. Paul, MN 55101; 1973. (24) p. Visuals and transparency masters.

02.0601 AIR POLLUTION/070 BIOLOGY

E-324 AIR POLLUTION AND TREES IN THE EAST. By Robert C. Loomis and William H. Padgett. US Forest Service, State and Private Forestry, 1720 Peachtree Road, NW, Atlanta, GA 30309; 197-. 28 p.

E-327 TREES FOR POLLUTED AIR. Miscellaneous Publication No. 1230. Forest Service, US Dept. of Agriculture; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1973. 11 p. $.25 S/N 0100-02959

E-639 AIR POLLUTION PRIMER. National Tuberculosis and Respiratory Disease Association; available from Education Institute, College of Agriculture and Natural Resources, Michigan State University, East Lansing, MI 48824; 1969. 104 p. $.60

02.0601 AIR POLLUTION/110 CURRICULUM

E-627** AIR POLLUTION TECHNOLOGY: A SUGGESTED POST-HIGH SCHOOL CURRICULUM. John M. Turner, project director. For sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 197-. 109 p.

02.0601 AIR POLLUTION/160 ENVIRONMENT

E-316 AIR CONSERVATION IN CALIFORNIA: A REFERENCE MANUAL ON AIR POLLUTION FOR TEACHERS. Edited by Ruth Hartman. State of California Dept. of Public Health, 2151 Berkeley Way, Berkeley, CA 94704; 1971. 23 p. Written from a Californian viewpoint, but contains useful general information.

E-637 THE EFFECTS OF AIR POLLUTION. US Dept. of Health, Education and Welfare, Public Health Services, Washington, DC 20201; 1967. 18 p.

02.0601 AIR POLLUTION/220 FINANCE

E-325 THE AIR POLLUTION AND PROPERTY VALUE DEBATE. By A. Mitchell Polinsky and Steven Shavell. The Urban Institute, 2100 M St., NW, Washington, DC 20037; 1976. 5 p. URI 197-1207-28. A very technical article.

02.0601 AIR POLLUTION/230 GOVERNMENT

E-320 CLEAN AIR AND YOUR CAR. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; rev. 1975. 24 p.

E-322 CLEAN AIR. IT'S UP TO YOU, TOO. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1973. 30 p.

E-530 CLEAN AIR, THE BREATH OF LIFE. By Russell Train. US Environmental Protection Agency, Washington, DC 20460; 1976. unpaged folder. About EPA air pollution control activities.

E-534 AIR POLLUTION. Sierra Club, 530 Bush Street, San Francisco, CA 94108; 197-. (4) p.

E-634 THE CAMPAIGN FOR CLEANER AIR. Public Affairs Pamphlet No. 494. By Marvin Zeldin. Public Affairs Committee, Inc., 381 Park Ave. South, New York, NY 10016; 1973. 28 p. $.35

02.0601 AIR POLLUTION/250 HEALTH & SAFETY

E-326 HEALTH EFFECTS OF AIR POLLUTANTS. Office of Public Affairs, US Environmental Protection Agency, Washington, DC 20460; 1976. 3 p. folder

E-328 TRENDS IN THE QUALITY OF THE NATION'S AIR. Office of Public Affairs, US Environmental Protection Agency, Washington, DC 20460; 1977. 16 p.

02.0601 AIR POLLUTION/270 INSTRUCTION

E-319 AIR POLLUTION. Edmonds School District #15, Lynnwood, WA 98036; n.d. 1 v. (unpaged) Contains 16 study units on air pollution for grades 7-12.

E-321 NEEDED: CLEAN AIR: THE FACTS ABOUT AIR POLLUTION. By Channing L. Bete Co., Inc., US Environmental Protection Agency, Washington, DC 20460; 1976. 15 p.

E-323 AIR POLLUTION. By Frederic and Peters Willson. National Wildlife Federation, 1412 Sixteenth St., NW, Washington, DC 20036; 1975. 8 p. single copies free. Rev. ed. of an article originally appearing in Ranger Rick's Nature Magazine, Aug/Sept. 1971.

E-473 AIR POLLUTION EXPERIMENTS FOR JUNIOR AND SENIOR HIGH SCHOOL SCIENCE CLASSES. Second ed. Donald C. Hunter and Henry C. Wohlers, eds. Air Pollution Control Assn., 4400 Fifth Ave., Pittsburgh, PA 15213; 1972. 123 p. $1.50

02.0601 AIR POLLUTION/320 LIBRARY MATERIALS

E-317 GREEN SPACE FOR AIR POLLUTION CONTROL. Exchange Bibliography 490. By John Lawrence Warren. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1973. 23 p. $2.00

E-318 ATTITUDES TOWARDS AIR POLLUTION: A BIBLIOGRAPHY OF THE ENGLISH LANGUAGE LITERATURE. Exchange Bibliography 891. By Geoffrey Wall. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 16 p. $1.50

E-502 AIR POLLUTION. Selected Publications List No. 50. State Library of Ohio, 65 S. Front St., Columbus, OH 43215; 1977. 5 1.

02.0602 WATER POLLUTION/050 AUDIOVISUAL MATERIALS & METHODS

E-51 WATER POLLUTION. By Lucie B. McCandless. Warren Schloat Productions, Inc., Prentice-Hall Media, 150 White Plains Road, Tarrytown, NY 10591; 1972. 2 col. filmstrips, 2 audio-cassettes (running time 18 min. each) and 1 teacher's guide $48.00

E-616 ECOLOGY: THE PROBLEM OF WATER POLLUTION. Visual Products Div., 3M Company, 3M Center St.Paul, MN 55101; 1972. (34) p. Photographs and transparency masters.

02.0602 WATER POLLUTION/070 BIOLOGY

E-457 SOAPS, DETERGENTS AND THE ENVIRONMENT. Consumer Information Dept., The Soap and Detergent Assn., 475 Park Ave. South at 32nd. St., New York, NY 10016; 1972. 29 p.

02.0602 WATER POLLUTION/110 CURRICULUM

E-650* TIME FREE MODULAR COMPETENCY-BASED CURRICULUM: LIQUID WASTE OPERATOR. By Howard A. Mathews. Alabama State Dept. of Education; Link Educational Laboratories, Montgomery, AL 36111; 1974. 5 v. CONTENTS: Initial.-Intermediate A.-Intermediate B.-Final.-Instructional resources.

E-654* CRITERIA FOR THE ESTABLISHMENT AND MAINTENANCE OF TWO YEAR POST HIGH SCHOOL WASTEWATER TECHNOLOGY TRAINING PROGRAMS. John H. Austin, project director. Dept. of Environmental Systems Engineering, Clemson University, Clemson, SC 29631; 1970. 2 v. Vol I. Program criteria. Vol II. Curriculum guidelines.

02.0602 WATER POLLUTION/140 EDUCATION

E-653* GUIDELINES TO CAREER DEVELOPMENT FOR WASTEWATER TREATMENT PLANT PERSONNEL. Public Service Careers Section, Office of Education and Manpower Planning, Environmental Protection Agency, Washington, DC 20460; 1973. 100 p.

02.0602 WATER POLLUTION/160 ENVIRONMENT

E-358 WHAT IS HAPPENING TO OUR WATER? By Peter L. Sullivan. National Wildlife Federation, 1412 16th St. NW, Washington, DC 20036; 197-. 14 p. single copies free

E-364 WATER QUALITY IN DOUGLAS COUNTY, WISCONSIN: ITS UNDERSTANDING, PRESERVATION, UTILIZATION. Publication No. 36. Center for Lake Superior Environmental Studies, University of Wisconsin-Superior, Superior, WI 54880; 1974. 15 p.

E-365 WATER QUALITY IN IRON COUNTY, WISCONSIN: ITS UNDERSTANDING, PRESERVATION, UTILIZATION. Publication No. 39. Edited by Myron O. Schneiderwent. Center for Lake Superior Environmental Studies, University of Wisconsin-Superior, Superior, WI 54880; 1974. 16 p.

E-528 WATER QUALITY: YOUR ROLE IN PRESERVING IT. Publication No. 40. Center for Lake Superior Environmental Studies, University of Wisconsin-Superior, Superior, WI 54880; 1974. unpaged folder

02.0602 WATER POLLUTION/180 EVALUATION

E-356 A DROP TO DRINK: A REPORT ON THE QUALITY OF OUR DRINKING WATER. Office of Public Affairs, US Environmental Protection Agency, Washington, DC 20460; rev. 1977. 8 p.

E-357 WISCONSIN 1976 WATER QUALITY INVENTORY REPORT TO CONGRESS. Div. of Environmental Standards, Dept. of Natural Resources, 4610 University Ave., Madison, WI 53702; 1976. 107 p.

02.0602 WATER POLLUTION/230 GOVERNMENT

E-366 STATE WATER POLLUTION CONTROL AGENCIES. Water Pollution Control Federation, Washington, DC 20016; 1977. 4 p. Reprinted from the March 1977, Part 2 Journal Water Pollution Control Federation.

E-612 CLEAN WATER: REPORT TO CONGRESS 1975-76. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1976? 75 p. $1.40 S/N 055-001-01037-1

02.0602 WATER POLLUTION/270 INSTRUCTION

E-353 NEEDED: CLEAN WATER: PROBLEMS OF POLLUTION. By Channing L. Bete Co., Inc., US Environmental Protection Agency, Washington, DC 20460; 1976. 15 p.

E-359 ESTUARY: WHAT A CRAZY PLACE. By Lee D. Salber. National Wildlife Federation, 1412 Sixteenth St. NW, Washington, DC 20036; n.d. 18 p.

E-362 WATER POLLUTION. Topeka Public and Parochial Schools, 1601 Van Buren, Topeka, KS 66612; 1973. 44 l. "A unit developed...for Level II and III Educable Mentally Retarded Special Education Classes."

E-371 WATER QUALITY. Edmonds School District #15, Lynnwood, WA 98036; n.d. 1 v. (unpaged) Includes 20 study units, grades 7-12.

02.0602 WATER POLLUTION/320 LIBRARY MATERIALS

E-373 A SELECTED RESEARCH BIBLIOGRAPHY ON OIL POLLUTION. Exchange Bibliography 969. By Prakash C. Sharma. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1976. 11 p. $1.50

E-374 LAND DISPOSAL OF WASTEWATER: AN ANNOTATED BIBLIOGRAPHY. Exchange Bibliography 837. By John P. Hartigan, Jr. and Gene E. Willeke. Council of Planning Librarians, P.O. Box 229, Monticello, Il 61856; 1975. 50 p. $5.00

E-375 WATER POLLUTION: A SELECTED BIBLIOGRAPHY OF CALIFORNIA AND U.S. GOVERNMENT DOCUMENTS. Exchange Bibliography 604. By Sandra J. Lamprecht. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1974. 30 p. $3.00

E-506 WATER POLLUTION. Selected Publications List No. 54. State Library of Ohio, 65 S. Front St., Columbus, OH 43215; 1977. 7 l.

02.0602 WATER POLLUTION/350 OCCUPATIONS

E-169* ASSESSMENT AND DETERMINATION OF BASIC COMPETENCIES NECESSARY FOR UTILITY OPERATORS UTILIZING GROUND WATER SUPPLIES. By Gary L. Stegeman, Daniel J. Wagner and Ronald H. Anderson, Southwest Wisconsin Vocational- Technical Institute, Fennimore, WI 53809; 1975. 2 v. Parts I and II.

E-360 CAREERS IN WATER POLLUTION CONTROL. Water Pollution Control Federation, 3900 Wisconsin Ave., NW, Washington, DC 20016; 197-. 7 p. free

E-370 A TWO-YEAR WATER QUALITY MONITORING CURRICULUM. By Richard B. Glazer, John H. Austin, and Joe F. Allen. Environmental Protection Agency, Waterside Mall, 401 M St., SW, Washington, DC 20460; 1975. 109 p.

E-651* AN ANALYSIS OF THE WASTE WATER TREATMENT OPERATOR OCCUPATION. By Anthony B. Clark, et al. Instructional Materials Laboratory, Trade and Industrial Education, The Ohio State University, Columbus, OH 43210; 1974. 107 p.

E-652* AN ANALYSIS OF THE WASTE WATER TREATMENT MAINTENANCE MECHANIC OCCUPATION. By Anthony B. Clark et al. Instructional Materials Laboratory, Trade and Industrial Education, The Ohio State University, Columbus, OH 43210; 1974. (107) p.

02.0602 WATER POLLUTION/400 PHYSICAL SCIENCES

E-367 THE GEOLOGIC AND NEOTERIC LAKE SUPERIOR BASIN: A LITERATURE REVIEW. Prepared by Albert B. Dickas. Center for Lake Superior Environmental Studies, University of Wisconsin, Superior, WI; 1976. 32 1. A technical discussion of how the geology of the Lake Superior region has affected mining and the water pollution produced by mining.

E-369 EFFECTS OF SOUTH SHORE DRAINAGE BASINS AND CLAY EROSION ON THE PHYSICAL AND CHEMICAL LIMNOLOGY OF WESTERN LAKE SUPERIOR. By Donald A. Bahnick et al. Center for Lake Superior Environmental Studies, University of Wisconsin-Superior, Superior, WI; 1972. 12 p. A technical report.

02.0602 WATER POLLUTION/450 RESEARCH

E-361 GROUND WATER POLLUTION FROM SANITARY LANDFILLS AND REFUSE DUMP GROUNDS--A CRITICAL REVIEW. Research Report 69. By A. D. Zanoni. Dept. of Natural Resources, 4610 University Ave., Madison, WI 53702; 1971. 43 p. A technical report.

E-363 A SUMMARY OF LAND AND WATER USE TRENDS AND RELATED RESEARCH NEEDS IN THE GREEN BAY REGION. Sea Grant Advisory Report No. 12. By Gerard Bertrand, Jean Lang and John Ross. Sea Grant Communications Office, University of Wisconsin-Madison, Madison, WI 53706; 1975. 11 p.

02.0602 WATER POLLUTION/510 TECHNIQUES

E-355 A PRIMER ON WASTEWATER TREATMENT. Office of Public Affairs, US Environmental Protection Agency, Washington, DC 20460; 1976. 26 p.

E-368 CLEANSING OUR WATERS. Public Affairs Pamphlet No. 497. By Gladwin Hill. Public Affairs Committee, Public Affairs Pamphlets, 381 Park Ave. South, New York, NY 10016; 1973. 28 p. $.35 1-3 copies; $.30 4-9 copies

02.0603 NOISE POLLUTION/160 ENVIRONMENT

E-352 NOISE POLLUTION. Office of Public Affairs, US Environmental Protection Agency, Washington, DC 20460; reprinted 1974. (13) p.

02.0603 NOISE POLLUTION/230 GOVERNMENT

E-347 MODEL NOISE CONTROL ORDINANCE. Drafted by the US Environmental Protection Agency and the National Institute of Municipal Law Officers. US Environmental Protection Agency, Washington, DC 20460; 1975. 24 p.

02.0603 NOISE POLLUTION/250 HEALTH & SAFETY

E-350 NOISE AND YOU: THE ABC'S OF HEARING CONSERVATION. By Channing L. Bete Co., Inc., US Environmental Protection Agency, Washington, DC 20460; 1976. 15 p.

E-631 NOISE POLLUTION: NOW HEAR THIS! US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1972. (13) p. $.35 S/N 5500-0072

02.0603 NOISE POLLUTION/270 INSTRUCTION

E-349 NOISE POLLUTION AND YOU. By Donald Baxa. Cooperative Extension Programs, University Extension, University of Wisconsin; 1972. 5 p. folder $.05

02.0603 NOISE POLLUTION/320 LIBRARY MATERIALS

E-507 NOISE POLLUTION. Selected Publications List No. 51. State Library of Ohio, 65 S. Front St., Columbus, OH 43215; 1977. 4 1.

02.0607 CHEMICAL POLLUTION (INCLUDES INSECTICIDES, PESTICIDES)/160 ENVIRONMENT

E-407 DE-ICING SALTS AND THE ENVIRONMENT. Prepared by the Habitat School of Environment for Massachusetts and National Audubon Societies. Habitat, Inc., Box 136, Belmont, MA 02178; 1972. 50 p.

02.0607 CHEMICAL POLLUTION (INCLUDES INSECTICIDES, PESTICIDES)/230 GOVERNMENT

E-333 TOXIC SUBSTANCES CONTROL ACT. Office of Toxic Substances; 1976. 10 p.

02.0607 CHEMICAL POLLUTION (INCLUDES INSECTICIDES, PESTICIDES)/250 HEALTH & SAFETY

E-346 TOX-IC! LEGISLATION TO CONTROL TOXIC SUBSTANCES By Nancy Buder and Linda Billings. Sierra Club, 530 Bush St., San Francisco, CA 94108; 1975. 6 p.

E-614 CARCINOGENS IN THE ENVIRONMENT. For sale by the Supt. of Docs., US Government Printing Office, Washington, DC 20402; 1975. 42 p. $.75 S/N 041-011-00030-1 Reprinted from the Sixth Annual Report of the Council on Envirnmental Quality.

02.0607 CHEMICAL POLLUTION (INCLUDES INSECTICIDES, PESTICIDES)/270 INSTRUCTION

E-354 ABCs OF PCBs. Sea Grant College Program, University of Wisconsin-Madison, Madison, WI 53706; 1976. 5 p. folder

E-348 PESTICIDES AND YOUR ENVIRONMENT: A GUIDE FOR THE HOMEOWNER AND HOME GARDENER. By John Cary Stone. National Wildlife Federation, 1412 Sixteenth St. NW, Washington, DC 20036; 1972. 20 p. single copy free; additional copies 20¢ each.

02.0607 CHEMICAL POLLUTION (INCLUDES INSECTICIDES, PESTICIDES)/320 LIBRARY MATERIALS

E-345 LIST OF REFERENCES ON PESTICIDES. National Program Staff, Agricultural Research Service, US Dept. of Agriculture, Washington, DC 20250; 1974. 5 p.

E-505 PESTICIDES. Selected Publications List No. 53. State Library of Ohio, 65 S. Front St., Columbus, OH 43215; 1977. 4 1.

02.0608 POLLUTION, OTHER/250 HEALTH & SAFETY

E-351 RADIATION. Office of Public Affairs, US Environmental Protection Agency, Washington, DC 20460; rev. 1977. (15) p. Reprinted from the EPA Journal, Feb. 1976.

E-613 REPORT ON THE COSTS AND EFFECTS OF CHRONIC EXPOSURE TO LOW-LEVEL POLLUTANTS IN THE ENVIRONMENT. Prepared by the Subcommittee on the Environment and the Atmosphere of the Committee on Science and Technology, US House of Representatives, Ninety-fourth Congress, Second Session. For sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1976. 45 p. $.70

02.0700 SOLID WASTES, GENERAL/160 ENVIRONMENT

E-535 SOLID WASTE. Sierra Club, 530 Bush St., San Francisco, CA 94108; 1975. 8 p.

02.0700 SOLID WASTES, GENERAL/250 HEALTH & SAFETY

E-421 HAZARDOUS WASTES. SW-138. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1975. 24 p. $.85

02.0700 SOLID WASTES, GENERAL/270 INSTRUCTION

E-382 TEACHING SCIENCE WITH GARBAGE: AN INTERDISCIPLINARY APPROACH TO ENVIRONMENTAL EDUCATION FROM THE POINTS OF VIEW OF SCIENCE, MATHEMATICS AND SOCIAL STUDIES. Environmental Science for Schools, Unit 1: Garbage. By Albert Schatz and Vivan Schatz. Rodale Press, Inc., Emmaus, PA 18049; 1971. 60 p. Solid waste and waste disposal unit.

02.0700 SOLID WASTES, GENERAL/320 LIBRARY MATERIALS

E-377 SOLID WASTE MANAGEMENT: ECONOMICS AND OPERATION. Exchange bibliography 395. By John D. Gunter and William Carl Jameson. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1973. 25 p. $2.50

E-418 RESOURCE RECOVERY AND WASTE REDUCTION CURRENT REPORTS, JANUARY 1977. SWO536.1. Resource Recovery Div., Office of Solid Waste, US Environmental Protection Agency, Washington, DC; 1977. 15 p.

E-419 A COMPENDIUM OF PRINTED MATERIAL ON RESOURCE RECOVERY AND SOLID WASTE MANAGEMENT. National Center for Resource Recovery, Inc., 1211 Connecticut Ave. NW, Washington, DC 20036; (1977). 15 p.

E-450 CURRENT VIEWS ON SOLID WASTE MANAGEMENT: RECOMMENDED READING. US Environmental Protection Agency, Washington, DC 20460; 1976? 9 p. Lists US government papers and reports on solid waste management, most of which are available without charge.

E-504 SOLID WASTE MANAGEMENT. Selected Publications List No. 52. State Library of Ohio, 65 S. Front St., Columbus, OH 43215; 1977. 4 l.

E-542 THE ECOLOGICAL IMPACT OF SOLID WASTE. Exchange Bibliography 406. By John D. Gunter and William Carl Jameson. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1973. 17 p. $1.50

E-543 PROBLEMS, PLANNING AND MANAGEMENT OF SOLID WASTE: A SELECTED RESEARCH BIBLIOGRAPHY. Exchange Bibliography 732. By Prakash C. Sharma. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 14 p. $1.50

02.0700 SOLID WASTES, GENERAL/450 RESEARCH

E-483 THE ROLE OF PACKAGING IN SOLID WASTE MANAGEMENT, 1966 TO 1976. SW-5c. By Arsen Darnay and William E. Franklin. Bureau of Solid Waste Management, Public Health Service, US Dept. of Health, Education, and Welfare; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1969. 205 p. $2.25 paper cover. For a condensed version, see no. E-381.

E-384 THE ROLE OF NONPACKAGING PAPER IN SOLID WASTE MANAGEMENT, 1966 TO 1976. SW-26c. By William E. Franklin and Arsen Darnay. Solid waste Management Office, US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1971. 76 p. $.75 paper cover

E-385 DESIGN OF CONSUMER CONTAINERS FOR RE-USE OR DISPOSAL: PROCEEDINGS OF THE SOLID WASTE RESOURCES CONFERENCE. SW-3p. Compiled by George F. Saschel. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1972. 330 p. $1.75

02.0701 WASTE DISPOSAL/130 DEVELOPMENT

E-386 SOLID WASTE DISPOSAL IN NORTHWESTERN WISCONSIN: A PERSPECTIVE ON PROBLEMS AND OPPORTUNITIES. Northwestern Wisconsin Regional Planning & Development Commission, 302½ Walnut St., Spooner, WI 54801; 1973. 124 p. $3.00

E-387 RESOURCE RECOVERY AND WASTE REDUCTION: THIRD REPORT TO CONGRESS. SW-161. Prepared by the Office of Solid Waste Management Programs. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1975. 96 p.

02.0701 WASTE DISPOSAL/180 EVALUATION

E-545 HYDROGEOLOGIC EVALUATION OF SOLID WASTE DISPOSAL IN SOUTH CENTRAL WISCONSIN. Technical Bulletin No. 78. Dept. of Natural Resources, Box 450, Madison, WI 53701; 1974. 31 p. Much technical information on what constitutes a good site for sanitary landfills.

02.0701 WASTE DISPOSAL/220 FINANCE

E-380 FINANCING SOLID WASTE MANAGEMENT IN SMALL COMMUNITIES. SW-57ts. By Eric R. Zausner. Office of Solid Waste Management Programs, US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1971. 14 p. $.25 S/N 5502-0022

02.0701 WASTE DISPOSAL/230 GOVERNMENT

E-424 OUR EFFLUENT SOCIETY. The Council of State Governments, Iron Works Pike, Lexington, KY; 1974. 41 p. Describes state and local efforts at waste management.

E-541 PROBLEMS AND PROGRESS IN REGULATING OCEAN DUMPING OF SEWAGE SLUDGE AND INDUSTRIAL WASTES. Report to the Congress by the Comptroller General of the United States. US General Accounting Office, Room 4552, 441 G St., NW, Washington, DC 20548; 1977. 60 l. Free to schools.

02.0701 WASTE DISPOSAL/270 INSTRUCTION

E-422 LET'S DUMP THE DUMP: THE ABC'S OF SOLID WASTE MANAGEMENT. By Channing L. Bete Co., Inc. US Environmental Protection Agency, Washington, DC 20460; 1971. 15 p.

E-423 MISSION 5000: A CITIZENS' SOLID WASTE MANAGEMENT PROJECT. SW-115ts. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1972. (16) p. $.50 S/N 5502-0087

E-434 SOLID WASTE POLLUTION: CAUSES AND CURES. Manufacturing Chemists' Association, 1825 Connecticut Ave., NW, Washington, DC 20009; 1976? 20 p.

02.0701 WASTE DISPOSAL/320 LIBRARY MATERIALS

E-376 NON-RETURNABLE BEVERAGE CONTAINERS: A SELECTED BIBLIOGRAPHY ON ONE ASPECT OF THE MUNICIPAL SOLID WASTE PROBLEM. Exchange Bibliography 703. By Anthony G. White. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1974. 6 p. $1.50

02.0701 WASTE DISPOSAL/450 RESEARCH

E-381 THE ROLE OF PACKAGING IN SOLID WASTE MANAGEMENT, 1966 TO 1976. By Irene Kiefer. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1971. (30) p. A condensation of THE ROLE OF PACKAGING IN SOLID WASTE MANAGEMENT, 1966 TO 1976, by Arsen Darnay and William E. Franklin, no. E-383.

02.0701 WASTE DISPOSAL/510 TECHNIQUES

E-378 SANITARY LANDFILL: ALTERNATIVE TO THE OPEN DUMP. n.p.; n.d. (3) p. Reprinted from Environmental Science & Technology, May 1972.

E-379 PLANNING A SUCCESSFUL SANITARY LANDFILL. Caterpillar Tractor Co.; n.p., n.d. (10) p.

E-420 SANITARY LANDFILL DESIGN AND OPERATION. SW-65ts. By Dirk R. Brunner and Daniel J. Keller. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1972. 59 p. $.65 S/N 5502-0085

E-425 SANITARY LANDFILL OPERATION. Wisconsin Dept. of Natural Resources. Solid Waste Disposal Section, Samuel C. Lagow, Chief, 4610 University Ave., Box 450, Madison, WI 53701; n.d. 4 p.

02.0702 WASTE RECYCLING/160 ENVIRONMENT

E-412 RECYCLING AND THE CAN IN THE SEVENTIES. American Can Co., n.p., n.d. (6) p. The container industry's argument against returnable containers.

02.0702 WASTE RECYCLING/230 GOVERNMENT

E-529 BEVERAGE CONTAINERS: THE VERMONT EXPERIENCE. SW-139. By Michael Loube. US Environmental Protection Agency, Washington, DC 20460; 1975. 16 p. Describes Vermonts' experience with its returnable beverage container law.

02.0702 WASTE RECYCLING/270 INSTRUCTION

E-410 RESOURCE RECOVERY EDUCATION PROGRAM. National Center for Resource Recovery, Inc., and National Assn. of Secondary School Principals, 1904 Association Dr., Reston, VA 22091; 1974. 5 v. plus poster. CONTENTS: Resource recovery and you.-Resource recovery overview: teacher's guide.-Teaching resource recovery in science.-Teaching resource recovery in industrial arts.-Teaching resource recovery in social studies.-Resource recovery: worth from waste (poster).

E-411 RECYCLING QUESTIONS AND ANSWERS. American Forest Institute, 1619 Massachusetts Ave., NW, Washington, DC 20036; 1976. (12) p.

E-416 RECYCLING. Ranger Rick's Nature Magazine. National Wildlife Federation, 1412 Sixteenth St., NW, Washington, DC 20036; rev. 1976. 8 p.

E-417 THE PROCESSING AND RECOVERY OF JON THOMAS--COOL CAT! SW-4ts. By Troy Marceleno. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1972. (34) p. $.55 Picture book for elementary grades.

E-459 (RECYCLING). Ecology Action Educational Institute, Box 3895, Modesto, CA 95352; 197-. (14) p. Assorted materials on recycling, including a description of a California local recycling program.

02.0702 WASTE RECYCLING/320 LIBRARY MATERIALS

E-409 RECYCLING AND RE-USE: THE FUTURE OF SOLID WASTE. Exchange Bibliography 407. By John D. Gunter and William Carl Jameson. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1973. 20 p. $2.00

E-519 BIBLIOGRAPHY: PROJECTS USING SCRAP MATERIALS. Environmental Action Coalition, 235 East 49th Street, New York, NY 10017; 1972. 4 p.

02.0702 WASTE RECYCLING/410 PROGRAMS

E-402 SOLID WASTE RECYCLING PROJECTS: A NATIONAL DIRECTORY. SW-45. Compiled by Penelope Hansen. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1973. 284 p. $2.15

E-408 HOW TO START A NEIGHBORHOOD RECYCLING CENTER. Ecology Center, 2179 Allston Way, Berkeley, CA 94704; 1973. 30 p. $.50

02.0702 WASTE RECYCLING/460 RESOURCES

E-401 ...PUTTING SOLID WASTE AND RESOURCE RECOVERY IN PERSPECTIVE. National Center for Resource Recovery, Inc., 1211 Connecticut Ave. NW, Washington, DC 20036; n.d. 13 p. folder

02.0702 WASTE RECYCLING/510 TECHNIQUES

E-413 WHAT YOU CAN DO TO RECYCLE MORE PAPER. SW-143. US Environmental Protection Agency, Washington, DC 20460; 1975. unpaged folder

E-414 HOW TO HARVEST ABANDONED CARS. General Motors Corporation, Detroit, MI 48202; n.d. 19 p.

E-415 HOW TO ORGANIZE YOUR RECYCLING PROJECT. By Charles E. Sundin. Wisconsin Conservation Bulletin; n.d. 3 p. Reprinted from the Wisconsin Conservation Bulletin, July-August 1971.

02.0708 WASTE DISPOSAL RELATED OCCUPATIONS/110 CURRICULUM

E-649 TIME FREE MODULAR COMPETENCY BASED CURRICULUM: SOLID WASTE OPERATOR. By Howard A. Mathews. Alabama State Dept. of Education, Montgomery, Alabama, and US Office of Education, Div. of Manpower Development and Training: Washington, DC; distributed by Link Education Laboratories, Montgomery, AL 36111; 1974. 3 v. CONTENTS: Initial.-Final.-Instructional resources.

02.0800 POPULATION, GENERAL/110 CURRICULUM

E-398 POPULATION & SOCIAL CHANGE: A CURRICULUM GUIDE FOR HIGH SCHOOL TEACHERS. By Mark E. Cohan and Neil C. Gustafson. Upper Midwest Council, Federal Reserve Bank Bldg., Minneapolis, MN 55480; 1974. 43 p.

E-604 PRODUCTION, POLLUTION, POPULATION: ISSUES FOR A CHANGING WORLD. Office of the Superintendent, Baltimore City Public Schools, Baltimore, MD 21218; 1974. 56 p.

02.0800 POPULATION, GENERAL/120 DEMOGRAPHY

E-399 GROWTH AND FUTURE OF CITIES. Population profiles. By Everett S. Lee and Leon F. Bouvier. Center for information on America, Washington, CT 06793; 1973. 8 p.

E-405 THE POPULATION EXPLOSION: FACTS AND FICTION. By Paul R. Ehrlich. Sierra Club, 530 Bush St., San Francisco, CA 94108; 1968 4 p. Reprinted from the Oct. 1968 Sierra Club Bulletin.

E-538 POPULATION AND THE SIERRA CLUB. Sierra Club, 530 Bush St., San Francisco, CA 94180; 197-. (6) p.

02.0800 POPULATION, GENERAL/270 INSTRUCTION

E-434 OPTIONS: A STUDY GUIDE TO POPULATION AND THE AMERICAN FUTURE. By Kathryn Horsley, et al. Population Reference Bureau, Inc., 1755 Massachusetts Ave., NW, Washington, DC 20036; 1973. 75 p.

E-470 ENVIRONMENT AND POPULATION: A SOURCEBOOK FOR TEACHERS. By Kathryn Horsley, et al. National Education Assn., Washington, DC 20036; 1972. 112 p. $10.75

02.0800 POPULATION, GENERAL/320 LIBRARY MATERIALS

E-403 RESOURCE LIST. The Population Institute, 110 Maryland Ave.,NE, Washington, DC 20002; 197-. 4 p.

02.0800 POPULATION, GENERAL/520 TESTS

E-406 WHAT DO YOU KNOW ABOUT POPULATION? By Judith Kunofsky. Sierra Club, 530 Bush St., San Francisco, CA 94108; 1977. 2 p. In the form of a quiz. Answers included. Reprinted from the Sierra Club Bulletin, Nov/Dec 1976.

02.0808 POPULATION RELATED OCCUPATIONS/350 OCCUPATIONS

E-400 CAREERS IN DEMOGRAPHY. The Population Association of America, Inc., P.O. Box 14182, Benjamin Franklin Station, Washington, DC 20044; 1974. 16 p.

02.0900 ECONOMIC/SOCIAL/CULTURAL ENVIRONMENT/040 ATTITUDES

E-428 YOUTH POWER...A REPORT ON THE INVOLVEMENT OF YOUTH IN COMMUNITY IMPROVEMENT. By Diana MacArthur. National Youth Conference, 830 Third Avenue, New York, NY 10022; 1968. 21 p.

02.0900 ECONOMIC/SOCIAL/CULTURAL ENVIRONMENT/050 AUDIOVISUAL MATERIALS & METHODS

E-388 AN ANNOTATED AND CLASSIFIED LIST OF 16MM FILMS ON URBAN STUDIES: NEW TOWNS, URBAN PROBLEMS, CITY AND REGIONAL PLANNING. Exchange Bibliography 838. By Irving Lewis Allen. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 31 p. $3.00

02.0900 ECONOMIC/SOCIAL/CULTURAL ENVIRONMENT/130 DEVELOPMENT

E-396 GROWTH & THE POOR. By Carl Pope. Sierra Club, 530 Bush St., San Francisco, CA 94108; 1975 6 p. Reprinted from the Sierra Club Bulletin, April 1975.

02.0900 ECONOMIC/SOCIAL/CULTURAL ENVIRONMENT/230 GOVERNMENT

E-391 URBAN PROPERTY TAXATION: I - ADMINISTRATIVE ASPECTS. Exchange Bibliography 479. By Anthony G. White. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1973. 13 p. $1.50

E-392 URBAN PROPERTY TAXATION: II - LAND AND LOCATION. Exchange Bibliography 480. By Anthony G. White. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1973. 12 p. $1.50

02.0900 ECONOMIC/SOCIAL/CULTURAL ENVIRONMENT/270 INSTRUCTION

E-397 TRANSPORTATION AND THE ENVIRONMENT. Publication No. 74-2. By James S. Fagan. Geography Curriculum Project, University of Georgia, Athens, GA 30601; 1974. 144 p. Set includes a Student Workbook (53 p.), publication 74-3, and a Teacher's Answer Book to Student Workbook.

E-605 B-MORE BALTIMORE. Office of the Superintendent Baltimore City Public Schools, Baltimore, MD 21218; 1974. 94 l. A study unit on urban environment and urban problems, based on conditions in Baltimore. General concepts are applicable to any urban area.

02.0900 ECONOMIC/SOCIAL/CULTURAL ENVIRONMENT/320 LIBRARY MATERIALS

E-389 ARCHITECTURAL PRESERVATION IN THE UNITED STATES 1965-1974: A BIBLIOGRAPHY OF FEDERAL, STATE AND LOCAL GOVERNMENT PUBLICATIONS. Exchange Bibliography 812 and 813. By Richard L. Tubesing. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 93 p. $9.00

E-390 EDWARD C. BANFIELD: BIBLIOGRAPHY OF A CONSERVATIVE URBANOLOGIST, WITH ANNOTATIONS. Exchange Bibliography 728. By Anthony G. White. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975, c1974. 10 p. $1.50

E-393 URBAN PROPERTY TAXATION: III - REJECTION AND REFORMATION. Exchange Bibliography 481. By Anthony G. White. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1973. 9 p. $1.50

E-394 SUBURBS, SUBURBIA AND SUBURBANIZATION: A BIBLIOGRAPHY. Second ed. Exchange Bibliography 524 and 525. By Louis H. Masotti and Deborah Ellis Dennis. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1974. 108 p. $11.00

E-395 THE NO-GROWTH CONTROVERSY. Exchange Bibliography 519. By Michael A. Agelasto II and Patricia R. Perry. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1974. 28 p. $3.00 A bibliography.

E-478 ANNOTATED BIBLIOGRAPHY OF PUBLICATIONS CURRENTLY AVAILABLE FROM THE RECREATION RESOURCES CENTER. Recreation Resources Center, 1815 University Ave., Madison, WI 53706; 1977. 9 p.

E-544 PROGRAMMING ENVIRONMENTAL IMPROVEMENTS IN URBAN TRANSPORTATION PLANNING (1930-1973): A SELECTED RESEARCH BIBLIOGRAPHY. Exchange Bibliography 724. Prakash C. Sharma. Council of Planning Librarians, P.O. Box 229, Monticello, IL 61856; 1975. 13 p. $1.50

LATE ADDITIONS

02.00 ENVIRONMENTAL EDUCATION, GENERAL

E-655 ENVIRONMENTAL HOTLINE, '77. US Environmental Protection Agency, Region V, 230 S. Dearborn, Chicago, IL 60606; 1977. 148 p. free. Includes addresses and phone numbers of environmentally-concerned public and private agencies in EPA's Region V, which includes Wisconsin.

E-680 CAREER PROFILES IN FORESTRY, CONSERVATION, ECOLOGY, ENVIRONMENTAL MANAGEMENT. Rev. US Forest Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1977. 12 p. $.35. 001-001-00423-5.

E-688 ENVIRONMENTAL EDUCATION AND PROTECTION. SB-088. Superintendent of Documents, US Govt. Printing Office, Washington, DC 20402; 1977. 11 p. free. A listing of recent federal environmental education instructional and resource materials available from the US Government Printing Office.

02.0300 NATURAL RESOURCES

E-664 YOUTH CONSERVATION CORPS POCKETBOOK OF ENVIRONMENTAL AWARENESS: PEOPLE AND NATURAL RESOURCES. US Dept. of the Interior; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1975. 130 p. $1.65. 024-000-00821-5. "Designed for Youth Conservation Corps environmental awareness activities in the field situation."

E-666 OUR LAND AND WATER RESOURCES: CURRENT AND PROSPECTIVE SUPPLIES AND USES. US Dept. of Agriculture, Economic Research Service; for sale by the Supt. of Docs., US Govt. Print. Office, Washington, DC 20402; 1974. 54 p. $1.00. 001-000-03250-0.

E-669 YOUTH CONSERVATION CORPS SOURCEBOOK OF ENVIRONMENTAL AWARENESS: PEOPLE AND NATURAL RESOURCES. US Dept. of the Interior; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1975. 71 p. $1.90. 024-000-00821-5.

E-670 OUR ENVIRONMENT AND OUR NATURAL RESOURCES. . . INDIVISIBLY ONE. Conservation yearbook series, no. 8. US Dept. of the Interior; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1972. 96 p. $3.15. 024-000-00751-1.

E-671 OUR LIVING LAND. Conservation yearbook series, no. 7. US Dept. of the Interior; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1971. 96 p. $3.15. 024-000-00613-1.

E-685 AGRI-BUSINESS, NATURAL RESOURCES, MARINE SCIENCE. Cluster V, Career Education Exemplary Project. By Olivia H. Calhoun. Public Schools of the District of Columbia, Presidential Bldg., 415 Twelfth St., NW, Washington, DC 20004; 1976. 120 p. Interdisciplinary course for junior high school.

02.0301 NATURAL RESOURCES, SOIL

E-687 TEACHING SCIENCE WITH SOIL: AN INTERDISCIPLINARY APPROACH TO ENVIRONMENTAL EDUCATION FROM THE POINTS OF VIEW OF SCIENCE, MATHEMATICS AND SOCIAL STUDIES. Environmental science for schools, unit 2: soils. By Albert Schatz. Rodale Press, Emmaus, PA 18049; 1972. 129 p.

02.0302 NATURAL RESOURCES, WATER

E-665 EFFECTS OF MAN'S ACTIVITIES ON THE MARINE ENVIRONMENT. Prepared by the Congressional Research Service. Committee Print. 94th Congress, first session. For sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1975. 135 p. $1.55 052-070-02866-1.

E-667 GLACIERS: A WATER RESOURCE. US Geological Survey; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1974. 22 p. $.35. 024-001-02037-8.

E-668 RIVER OF LIFE--WATER: THE ENVIRONMENTAL CHALLENGE. Conservation yearbook series, vol. 6. Department of the Interior; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1970. 96 p. $3.15 024-000-00537-2.

E-684 QUESTIONS ABOUT THE OCEANS. Publication G-13. By Harold W. Durbach and Robert W. Taber. National Oceanographic Data Center; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1968. 121 p. $2.00 008-042-00032-2.

02.0304 NATURAL RESOURCES/WILDLIFE

E-672 WORLD WILDLIFE CONFERENCE; EFFORTS TO SAVE ENDANGERED SPECIES. US Dept. of State; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1973. 30 p. $.65 044-000-01486-6. Includes text of the Convention on International Trade in Endangered Species of Wild Fauna and Flora.

E-673 CONSERVING OUR FISH AND WILDLIFE HERITAGE. ANNUAL REPORT--FY 1975. US Fish and Wildlife Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1976. 96 p. $1.75 024-010-00413-4

E-674 ". . .THE FAIREST ONE OF ALL." Forest Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 197-. 32 p. $1.00 001-001-00311-5 Describes programs to help endangered species of wildlife in northeastern and north-central US.

E-675 THE WOLVES OF ISLE ROYALE. Fauna series 7. By L. David Mech. US National Park Service; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1966. 210 p. $2.20 024-005-00061-5

02.0400 ENERGY, GENERAL CONCEPTS

E-658 PATTERNS OF ENERGY CONSUMPTION IN THE UNITED STATES. By Stanford Research Institute. Office of Science and Technology; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1972. 1 v. (various pagings) $2.95 041-006-00034-0

E-659 ENERGY CONSERVATION: UNDERSTANDING AND ACTIVITIES FOR YOUNG PEOPLE. Federal Energy Commission; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1975. 21 p. $.85 041-018-00091-7

E-682 ENERGY AND ECONOMICS. BFA Educational Media, 2211 Michigan Ave., P.O. Box 1795, Santa Monica, CA 90406; 1976. 4 col. filmstrips, 4 audio-cassettes, teaching guide. $70.00 Stresses the economic aspects of energy shortages and demands, especially in international trade.

E-683 ENERGY CONSERVATION RESOURCES FOR EDUCATION. Daniel L. Householder, Project director. Dept. of Industrial Education, Texas A&M University, College Station, TX 77843; 1977. 426 p. Learning activities in energy conservation for the middle/junior high school.

E-689* A NATIONAL PLAN FOR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION: CREATING ENERGY CHOICES FOR THE FUTURE. Energy Research and Development Admininstration, Washington, DC 20545; 1976. 2 v. Vol. 1: the Plan.-Vol. 2: Synopsis of proceedings.

E-690* ENERGY CONSERVATION: THE DATA BASE. THE POTENTIAL FOR ENERGY CONSERVATION IN NINE SELECTED INDUSTRIES. Energy conservation and Environment, Office of Industrial Programs; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1975. Library has 7 of 9 volumes: Aluminum.-Copper.-Petroleum refining.-Selected paper products.-Selected plastics.-Steel.-Styrene butadiene rubber. When requesting this, order by individual volume: i.e., E-690-steel.

E-691* ENERGY CONSERVATION: ENERGY MANAGEMENT CASE HISTORIES. Federal Energy Administration; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1975. 15 p.

E-692* INDUSTRIAL ENERGY CONSERVATION--101 IDEAS AT WORK. Energy Management Section, General Motors Corp., 3044 W. Grand Blvd., Detroit, MI 48202; 1977. 1 v. (unpaged)

E-693* ENERGY: A NATIONAL ISSUE. By Francis X. Murray. The Center for Strategic and International Studies, Georgetown University, 1800 K Street, NW, Washington, DC 20006; 1976. 49 p.

E-694* ENERGY-ENVIRONMENT SOURCE BOOK. By John M. Fowler. Office of Conservation Education, Federal Energy Administration, Washington, DC 20461; 1975. 2 v. Vol. 1: Energy, society and the environment.-Vol. 2: Energy; its extraction, conversion and use.

E-695* U.S. ENERGY PROSPECTS: AN ENGINEERING VIEWPOINT. By the Task Force on Energy, National Academy of Engineering, National Academy of Sciences, 2101 Constitution Ave., NW, Washington, DC 20418; 1974. 141 p.

E-696* THE SOUTHWEST ENERGY COMPLEX: A POLICY EVALUATION. By Malcolm F. Baldwin. The Conservation Foundation, 1717 Massachusetts Ave., NW, Washington, DC 20036; 1973. 73 p.

E-697* ENERGY POLICY PAPERS. Prepared for the Committee on Interior and Insular Affairs, US Senate. For sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1974. 353 p.

E-698* LOW-COST, ENERGY-EFFICIENT SHELTER FOR THE OWNER AND BUILDER. Eugene Eccli, ed. Rodale Press, Inc., Emmaus, PA 18049; 1976. 408 p.

E-699* YOUR ENERGY-EFFICIENT HOUSE: BUILDING AND REMODELING IDEAS. By Anthony Adams. Garden Way Publishing, Charlotte, VT 05445; 1975. 118 p.

E-700* YOUR GUIDE TO ENERGY-SAVING HOME IMPROVEMENTS. By Allan D. Ackerman, et al. Grosset and Dunlap, Publishers, 51 Madison Ave., New York, NY 10010; 1977. 72 p.

E-716* NEW LOW-COST SOURCES OF ENERGY FOR THE HOME. By Peter Clegg. Garden Way Publishing, Charlotte, VT 05445; 1975. 1 v. (various pagings)

E-717* ENERGY FOR MAN: FROM WINDMILLS TO NUCLEAR POWER. By Hans Thirring. Harper and Row, Publishers, 10 East 53rd St., New York, NY 10022; 1976. 409 p.

E-718* ENERGY WE CAN LIVE WITH. Daniel Wallace, ed. Rodale Press, Emmaus, PA 18049; 1976. 145 p.

02.04011 ENERGY/SOURCES/FOSSIL

E-657 OIL SHALES: A POTENTIAL SOURCE OF ENERGY. US Dept. of the Interior, Geological Survey; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1974. 15 p. $.35 024-001-02204-4

02.04013 ENERGY/SOURCES/SOLAR

E-701* SOLAR ENERGY. By William W. Eaton. Energy Research and Development Administration, Office of Public Affairs, Washington, DC 20545; 1976. 49 p.

E-702* SOLAR DWELLING DESIGN CONCEPTS. Prepared by the AIA Research Corp., US Dept. of Housing and Urban Development, 451 Seventh St., SW, Washington, DC 20410; 1976. 146 p.

E-703* PRACTICAL SOLAR HEATING IDEAS WITH SUN-LITE. By Jonathan Sands. Kalwall Corp., Manchester, NH 03101; 1975. 44 p.

E-704* THE SOLAR ENERGY NOTEBOOK. By David Al Wilson and William H. Rankins, III. Lorien House, P.O. Box 1112, Black Mountain, NC 28711; 1976. 56 p.

E-705* SOLAR ENERGY HANDBOOK. By Paul A. Fleck and William F. Fleck. Time-Wise Publications, P.O. Box 4140, Pasadena, CA 91106; 1975. 92 p.

E-706* DIRECT USE OF THE SUN'S ENERGY. By Farrington Daniels. Ballantine Books, 201 East 50th St., New York, NY 10022; 1964. 271 p.

E-707* SOLAR ENERGY ACTIVITIES AT MIDWEST RESEARCH INSTITUTE. Midwest Research Institute, Environmental and Materials Sciences Div., 425 Volker Blvd., Kansas City, MO 64110; 1976. 7 p.

E-708* NATIONAL PROGRAM FOR SOLAR HEATING AND COOLING OF BUILDINGS: PROJECT DATA SUMMARIES. Energy Research and Development Administration; distributed by Systems Consultants, Inc., 1050 31st St., NW, Washington, DC 20007; 1976. 3 v. (323 p.) Vol. 1: Commercial and residential demonstrtions.-Vol. 2: Demonstration support.-Vol. 3: Research and development.

E-709* SOLAR ENERGY ANALYSIS PROGRAMS FOR PROGRAMMABLE HANDHELD CALCULATORS. 2nd ed. By C. Byron Winn and Gerald R. Johnson. Solar Environmental Engineering Co., Inc., P.O. Box 1914, Fort Collins, CO 80522; 1977. 1 v. (unpaged)

E-710* HOME MORTGAGE LENDING AND SOLAR ENERGY. Prepared by Regional and Urban Planning Implementation, Inc., Cambridge, Massachusetts. US Dept. of Housing and Urban Development, 451 Seventh St., SW, Washington, DC 20410; 1977. 31 p.

E-711* SOLAR HEATING AND COOLING DEMONSTRATION PROGRAM: A DESCRIPTIVE SUMMARY OF HUD SOLAR RESIDENTIAL DEMONSTRTIONS, CYCLE I. Prepared by the AIA Research Corp. US Dept. of Housing and Urban Development, 451 Seventh St., SW, Washington, DC 20410; 1976? 54 p.

02.04014 ENERGY SOURCES/WIND

E-715* WIND AND WINDSPINNERS: A 'NUTS AND BOLTS' APPROACH TO WIND/ELECTRIC SYSTEMS. By Michael A. Hackleman. Peach Press, 3838 Willat Ave., Culver City, CA 90230; 1974. 140 p.

02.04019 ENERGY SOURCES/OTHER

E-660 GEOTHERMAL ENERGY: A NATIONAL PROPOSAL FOR GEOTHERMAL RESOURCES RESEARCH. Jesse C. Denton, ed. For sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; n.d. 93 p. $1.70 038-000-00163-9. Final report of the Geothermal Resources Research Conference, Seattle, Washington, 1972.

E-663 ENERGY RECOVERY FROM WASTE: SOLID WASTE AS SUPPLEMENTARY FUEL IN POWER PLANT BOILERS. By Robert A. Lowe. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1973. 24 p. $.45 055-002-00116-5

E-712* THE COMPLETE BOOK OF HEATING WITH WOOD. By Larry Gay. Garden Way Publishing, Charlotte, VT 05445; 1974. 128 p.

E-713* THE WOODBURNER'S HANDBOOK: REKINDLING AND OLD ROMANCE. By David Havens. Harpswell Press, Brunswick, ME 04011; 1973. 96 p.

E-714* THE WOODBURNER'S ENCYCLOPEDIA: WOOD AS ENERGY. By Jane Shelton. Vermont Crossroads Press, Inc., Box 333, Waitsfield, VT 05673; 1976? 155 p.

02.0500 LAND USE

E-681 AMERICA 200: THE LEGACY OF OUR LANDS. Conservation yearbook 11. US Dept. of the Interior for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1976. 160 p. $5.55 024-000-00820-7. A history of land use in the United States, heavily illustrated.

02.0600 POLLUTION

E-676 FLUOROCARBONS AND THE ENVIRONMENT. REPORT OF FEDERAL TASK FORCE ON INADVERTENT MODIFICATION OF THE STATOSPHERE (IMOS). Council on Environmental Quality; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1975. 109 p. $1.90 038-000-00226-1

E-677 TESTING FOR AIR POLLUTION. Science study aid no. 5. By Artice Dunbar. US Dept. of Agriculture; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, CC 20402; 1972. 8 p. $.35 001-00001619-9

E-678 EFFECTS OF NOISE ON WILDLIFE AND OTHER ANIMALS. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1971. 74 p. $1.10 055-000-00055-7 Technical report devoted largely to describing experiments testing the effect of noise on various animals.

E-679 THE SOCIAL IMPACT OF NOISE: A SURVEY OF MEDICAL, PSYCHOLOGICAL AND SOCIAL CONSEQUENCES. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1971. 25 p. $.75 055-000-00047-6

02.0702 SOLID WASTES/RECYCLING

E-656 USE OF SOLID WASTE AS A FUEL BY INVESTOR-OWNED ELECTRIC UTILITY COMPANIES. PROCEEDINGS: EPA/EDISON ELECTRIC INSTITUTE MEETING. By Robert A. Lowe. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1975. 27 p. $1.15 055-002-00139-4

E-661 ENERGY IN SOLID WASTE: A CITIZEN GUIDE TO SAVING. Citizens' Advisory Committee on Environmental Quality; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1974. 40 p. $1.25 040-000-00319-3

E-662 THE SALVAGE INDUSTRY: WHAT IT IS--HOW IT WORKS. US Environmental Protection Agency; for sale by the Supt. of Docs., US Govt. Print. Off., Washington, DC 20402; 1973. 32 p. $.70 055-002-00108-4

02.0900 ECONOMICS/SOCIAL/CULTURAL ENVIRONMENT

E-686 CONSTRUCTION AND ENVIRONMENT. Cluster IV, Career Development Exemplary Program. By Olivia H. Calhoun. Public Schools of the District of Columbia, Presidential Bldg. 415 Twelfth St., NW, Washington, DC 20004; 1976. 80 p. Interdisciplinary course of study for junior high school. Topics include: urban renewal and development; urban and suburban construction & planning; megalopolis; demography.

WISCONSIN NATURE STUDY CENTERS

The term "nature study center" as used in compiling this listing is confined to units which provide facilities for the study of plant and animal life, ecosystems and environmental education in a natural, outdoor setting. In addition, the list has been limited to areas which are open to the public without charge or at a modest fee and which offer programs suitable for one-day field trips. Because of these limitations, several well known nature study camps have not been listed. Finally, no attempt has been made to list all the county, state and federal parks, forests and sanctuaries which offer nature study services. Areas have been grouped in sections corresponding to the divisions on the outline map at the right to facilitate locating them.

A forthcoming publication, Wisconsin Environmental Education Centers, 1978, will include a wider range of educational resources which illustrate the effect of man's cultural and economic forces on the environment in additional to biological themes. For information on the price and availability of this publication, contact Barbara Arnold, Natural Resources and Environmental Reference Center, 550 Babcock Drive, Madison, WI 53706.

AREA I

Name: CENTER FOR LAKE SUPERIOR ENVIRONMENTAL STUDIES. Administered by: University of Wisconsin-Superior. Address: Superior, WI 54880 Phone: (715)392-8101 Ext. 303 Contact: Albert B. Dickas. Reservation required: Call ahead. Fees: No. Hours: Daily, 8AM--5PM. Major areas of study: Water quality, erosion. Description of facility: Three-acre field site on Lake Superior, research buildings. Services available to public: speakers, publications, tours. Limits on size of group: 20-25. Accessible to handicapped: Yes.

Name: PIGEON LAKE FIELD STATION. Administered by: University of Wisconsin. Address: Drummond, WI 54832 Phone: (715)739-6655 Contact: Dr. J.A. Cummings, UW--Whitewater, Whitewater, WI 53190. Reservation required: Yes, several months in advance. Fees: No. Hours: Open May 1-October 15; hours not specified. Major areas of study: Biology, ecology, environmental science, outdoor education, recreational skills. Description of facilities: 50 acres on Pigeon Lake, forested. Services available to public: The station is designed primarily for research and study by UW students. Accessible to handicapped: Not very accessible.

AREA II

Name: CENTRAL WISCONSIN ENVIRONMENTAL STATION. Administered by: University of Wisconsin--Stevens Point. Address: Route 1, Amherst Junction, WI 54407. Phone: (715)869-3428. Contact: Rick Wilkie. Reservation required: Yes. Time in advance varies: UW--Stevens Point classes and CESA #7 groups have first priority. All other groups are scheduled on a first-come, first-served basis. Fees: $1.00 per person per day, plus meals; $2.00 overnight. Hours: Not specified. Major areas of study: Forest, water, soil, plant and wildlife studies, orienteering, recreational skills, outdoor arts and crafts. Description of facility: 500 acres of varied terrain, conference rooms, housing, food service on request. Services available to public: Speakers, tours, hikes, preplanning for group leaders. Limits on size of group: 60 persons maximum. Accessible to handicapped: Partially.

AREA III

Name: FALLEN TIMBERS ENVIRONMENTAL CENTER. Administered by: Cooperative Education Service Agency #9. Address: C/O Seymour Community Schools, 10 Circle Drive, Seymour, WI 54165. Phone: (414)833-2304. Contact: George Howlett, Jr. Reservation required: Yes, three weeks in andvance for student groups. Fees: $1.75 a day or $.88 a half-day per student for school groups. Hours: 8:30AM--5PM Mon.-Sat. Major areas of study: Nature study, environmental education. Description of facilities: 445 acres of woods and meadowland. Includes 6 miles of trails, pheasant rearing facility, pond, rifle range, obstacle course, etc. Services available to public: Speakers, guided tours, hikes, publications, special programs in forest management, orienteering, snowshoeing and cross-country skiing. Limits on size of group: 30-40. Accessible to handicapped: Limited accessibility.

Name: GORDON BUBOLZ NATURE PRESERVE. Administered by: Natural Areas Preservation, Inc. Address: P.O. Box 819, Appleton, WI 54911 (mailing); 1.8 miles north on County Highway A from intersection of A and OO (location). Phone: (414)731-6041. Contact: Michael A. Brandel. Reservations required: Yes; for groups, at least one week in advance. Fees: Voluntary; $.75 per day for cross-country skiing. Hours: 8AM-4PM for guided tours. Major areas of study: Environmental education. Description of facilities: 650 acres of lowland swamp conifer forest, 6 miles of trails. Services available to public: Speakers, publications, tours, seasonal programs. Programs include sensory awareness K-6, microhabitats, deer, pond and bird studies. Limits on size of group: 50-75. Accessible to handicapped: A handicapped trail is in the planning stage.

Name: GREEN BAY WILDLIFE SANCTUARY (BAY BEACH WILDLIFE SANCTUARY). Administered by: City of Green Bay Parks and Recreation Dept. Address: Sanctuary Rd., Green Bay, WI 54302. Phone: (414)468-7926. Contact: Ty Bauman. Reservations required: Yes; 3 weeks in advance for groups. Fees: No. Hours: Open all year, including holidays. For groups, 8AM--8PM in summer; 8AM--5 PM in winter. Major areas of study: Wisconsin waterfowl and wetland

ecology, K-12. College level laboratory research on dynamics and population of waterfowl. Description of facilities: 320 acres including 70 acres of water, 3 nature trails, native mammal exhibit, cross-country skiing, waterfowl feeding, picnic area. Services available to public: Speakers, publications, guided tours, workshops and family nature classes, summer day camp. Limits on size of group: 25 or less. Accessible to handicapped: Partially.

Name: MOSQUITO HILL NATURE CENTER. Administered by: Outagamie County. Address: Route #1, Box 10-a, New London, WI 54961. Phone: (414)779-6433. Contact: James S. Anderson. Reservation required: Yes; 2-3 months in advance during spring and fall; 2 weeks during the rest of the year. Fees: Rarely; for special programs or for groups or schools from outside Outagamie County. Hours: 8:30AM--4:30PM weekdays; 10AM--3PM weekends (special arrangements possible). Tues.-Fri. by reservation only, Sat.-Sun. open to general public. Major areas of study: Natural history and environmental education, K-adult. Description of facilities: 400 acres of diversified land types, including ponds, prairie restoration, hiking and snowshoe trails, nature interpretation building. Services available to public: Newsletter, tours, special programs, including bird identification, wildflower hike, nature photography workshop, Monarch butterfly banding. Limitations on size of group: 30 maximum for guided tour; larger groups may tour on their own. Accessible to handicapped: Partially accessible for wheelchairs.

Name: WOODLAND DUNES NATURE CENTER. Administered by: Woodland Dunes, Inc. Address: P.O. Box 763, Manitowoc, WI 54220. Phone: (414)684-6082. Contact: Staff. Reservation required: No information. Fees: Yes, for nonmembers. Under 18, $.50; over 18, $1.00. Hours: Open year-round; hours not specified. Description of facilities: 1100 acres, birdbanding station, wildflower sanctuary, wildlife research area. Major areas of study: Bird migrations, wildlife research, nature study. Services available to public: Birdbanding demonstrations, guided hikes, slide shows, nature instruction, speakers, bird identification workshops, cross-country skiing. Limits on size of group: No information. Accessible to handicapped: No information.

AREA IV

Name: CHEROKEE MARSH CONSERVATION PARK. Administered by: City of Madison Parks Division. Address: 704 E. Gorham St. (mail); 6000 N. Sherman Ave. (location), Madison, WI 53703. Phone: (608)266-4711. Contact: Simon Widstrand. Reservation required: Yes, 1 week in advance for groups. Fees: For guided tour groups only; $18.00 for a 1-2 hour long tour for a group of 15. Hours: 4AM until 1 hour after sunset, year-round. Major areas of study: Wetland ecosystems. Description of facilities: 1000 acres of marsh, prairie and wetlands; 3 miles of trails including many boardwalks through marsh and pond areas. Services available to public: Guided tours and hikes. Limits on size of group: Call ahead for groups of over 20. Accessible to handicapped: Some trails can be traveled by wheelchairs, but there are no special facilities for the handicapped. Note: Madison has other, smaller conservation areas which are open to the public. Call the Madison Parks Division for more information.

Name: MACKENZIE ENVIRONMENTAL CENTER. Administered by: Wisconsin Department of Natural Resources. Address: Rt. #1, Poynette, WI 53955. Phone: (608)635-4498. Contact: Gen Bancroft. Reservation required: Yes, several months in advance. Fees: Yes, if planning to stay at residential center. Hours: 8AM-4PM. Major areas of study: Environmental management and education. Description of facilities: Native animal and bird exhibit, model nursery, conservation museum, nature trails, saw mill, arboretum, resident center. Services available to public: Tours, workshops. Limitations on size of group: None. Accessible to handicapped: Yes.

Name: UNIVERSITY OF WISCONSIN ARBORETUM. Administered by: University of Wisconsin--Madison. Address: Arboretum, 1207 Seminole Hwy., Madison, WI 53711. Phone: (608)263-7888 (tours); 262-2746 (administration). Contact: Dr. Katharine T. Bradley. Reservations required: Yes; 2 weeks in advance for guided tours. Fees: $10 per guide per group (1 guide is assigned to each group of 15-20). Hours: Daylight. Major areas of study: Plant communities of Wisconsin, horticultural collections. Description of facilities: 1240 acres of mixed prairie and woodland, wetlands, trails, small public reception center. Services available to public: Speakers, publications, tours. Limitations on size of group: None, except that tour guides will not escort more than 20 people at one time. Accessible to handicapped: Some areas can be visited by wheelchair, with assistance.

AREA V

Name: BOERNER BOTANICAL GARDENS. Administered by: Milwaukee County Parks Commission. Address: 5879 S. 92nd. St., Hales Corners, WI 53130. Phone: (414) 425-1131. Contact: Staff. Reservation required: Yes; for groups. Fees: No. Hours: Daily, 8AM--sunset, mid-April through October. Major areas of study: Horticulture, botany. Description of facilities: 400 acres of botanical gardens. Services available to public: Year-round programs of a horticultural nature. Accessible to handicapped: Wheelchair ramps.

Name: HAWTHORNE HOLLOW NATURE CENTER AND ARBORETUM. Address: 880 Green Bay Road, Kenosha, WI 53142. Phone: (414)552-8196. Contact: Ruth Teuscher. Reservation required: Yes; one week in advance for tour groups. Fees: No information. Hours: No information. Major areas of study: General nature interpretation. Description of facilities: 40-acre tract. Services available to public: Guided tours. Limits on size of group: 25 or less. Accessible to handicapped: No information.

Name: OAK RIDGE DEMONSTRATION FARM. Administered by: Milwaukee Public Schools, Div. of Municipal Recreation and Community Education. Address: 543 W35961 Hwy. C, Dousman, WI 53118. Phone: (414)475-8192. Contact: Staff. Reservation required: Yes. Fees: $1.00 per person for nonresidents. Hours: Year-round, hours not specified. Major areas of study: General nature study. Description of facilities: 200 acres, farm buildings, meeting rooms. Services available to public: Hiking, guided interpretive tours, workshops, cross-country skiing. Limits on size of group: No information. Accessible to handicapped: No information.

Name: RETZER NATURE CENTER. Administered by: Waukesha County Park and Planning Commission. Address: South 1530, Hwy. DT, Waukesha, WI 53186. Phone: (414)544-8514. Contact: Staff. Reservation required: Yes; for groups, at least a week in advance. Fees: Admission free; $.50 charge per student for environmental sampling exercises. Hours: 8AM--4:30PM Mon.-Fri., other times by reservation. Major areas of study: General nature study. Description of facilities: 90 acres, 1-mile hiking trail, exhibits area. Services available to public: Slide show presentations, hikes, workshops, cross-country skiing. Limits on size of group: No information. Accessible to handicapped: No information.

Name: RIVER BEND NATURE AND RECREATION CENTER. Administered by: YWCA of Racine. Address: 3600 N. Green Bay Rd., Racine, WI 53404. Phone: (414)639-0930. Contact: Staff. Reservation required: Yes. Fees: Guided nature hikes, $.50 per person, equipment rental fees. Hours: Year-round, sunrise-sunset; main building, Tues.-Sat., 9-5. Major areas of study: Environmental awareness, nature study. Description of facilities: 80 acres, 3½ miles of trails, ponds, river frontage, lodge. Services available to public: Ecology workshops, nature hikes, presentations, summer day camp, cross country skiing; canoe rentals. Limits on size of group: 100. Accessible to handicapped: No.

Name: RIVEREDGE NATURE CENTER. Address: 4438 Hawthorn Dr., Newburg, WI 53060. Phone: (414)931-8095 or 675-6888. Contact: G. Andrew Larsen. Reservation required: Yes; one month in advance. Fees: $1.00 adults, $.50 children. Hours: 8AM--5PM; closed in August. Major area of study: Environmental education. Description of facilities: 260 acres including fields, woods, wetlands, ponds, 1-mile river frontage, 10 miles of trails, 1-mile trail for the handicapped, outdoor classroom, interpretive building, administration building. Services available to public: Speakers, newsletter, tours, workshops, conferences, day camps. Limits on size of group: Preferred size is 20-30, maximum is 40-60. Accessible to handicapped: Yes.

Name: SCHLITZ AUDUBON CENTER. Administered by: National Audubon Society. Address: 1111 E. Brown Deer Rd., Milwaukee, WI 53217. Phone: (414)352-2880. Contact: Staff. Reservation required: Yes; two weeks in advance for groups. Fees: $1.00 adults, $.50 children. Hours: 9AM--5PM Tues.-Sat., closed on holidays and holiday weekends. Major area of study: Environmental education. Description of facilities: 186 acres, ½ mile of Lake Michigan shoreline, 9 miles of trails, 5 major ecosystems, library, classrooms, auditorium. Services available to public: Speakers, publications, tours, exhibits, workshops, special lectures. Limitations on size of group: None. Accessible to handicapped: Yes.

Name: UNIVERSITY OF WISCONSIN--MILWAUKEE FIELD STATION. Administered by: UW--Milwaukee. Address: 3095 Blue Goose Rd., Saukville, WI 53080. Phone: (414)675-6844. Contact: Staff. Reservation required: Yes. Fees: No. Hours: 8AM-4:30PM Mon.-Fri., other times by special arrangement. Major areas of study: College level research in the environmental sciences. Description of facilities: 223 acres of forest and wetlands, 2 miles of trails, laboratory/conference area. Services available: Tours, workshops, class use as outdoor laboratory/demonstration area. Limits on size of group: No information. Accessible to handicapped: No information.

Name: UNIVERSITY OF WISCONSIN--WAUKESHA COUNTY FIELD STATION. Administered by: University of Wisconsin. Address: 1234 S. Waterville Rd., Oconomowoc, WI 53066. Phone: (414)965-2227. Contact: Staff. Reservation required: Yes. Fees: No. Hours: Open year-round, visitors by appointment. Major areas of study: Plant ecosystems, forest and prairie restorations. Description of facilities: 92 acres, oak woods, trout stream. Services available to public: hiking, independent study, nature appreciation. Limits on size of group: No information. Accessible to handicapped: No information.

Name: WEHR NATURE CENTER. Administered by: Milwaukee County Park Commission. Address: Whitnall Park, 5879 S. 92nd. St., Hales Corners, WI 53130. Phone: (414)425-8551. Contact: Staff. Reservation required: Yes, for groups. Fees: Admission free, guided field trips, $.50 per person. Hours: Open year-round, sunrise-sunset; visitor center, Mon.-Sat., 8AM--4PM; Sat. 8AM--Noon. Major areas of study: Environmental education, nature study. Description of facilities: 200 acres, including woodlands, prairie and wetlands, trails, nature center building, outdoor amphitheater. Services available to public: Programs, workshops, tours, hikes. Limits on size of group: No information. Accessible to handicapped: No information.

NATURE STUDY IN WISCONSIN STATE PARKS AND FORESTS

An additional and important source of nature study facilities and services is the Wisconsin Department of Natural Resources' Interpretive Naturalist Program which operates in state parks and forests. Permanent and seasonal naturalists lead nature hikes, conduct evening programs and offer specialized presentations for groups. During the summer months the naturalists work primarily with park visitors. In April, May, September and October they are able to work with larger numbers of school children. The winter months are used by the permanent naturalists for their school, service club and scout programs, and to conduct special, prearranged activities. For information on naturalist programs and services in the state park or forest near you, consult the park or forest office. For additional information on the naturalist program, write:

Chief Parks Naturalist
Bureau of Parks and Recreation
Department of Natural Resources
Box 7921
Madison, WI 53707

NATURE STUDY IN NATIONAL PARKS, FORESTS AND WILDLIFE REFUGES IN WISCONSIN

Space limitations make it impossible to describe the variety of nature study programs and activities available in Wisconsin's federal parks, forests and refuges. The following agencies are good sources of information on facilities in Wisconsin.

National Parks:

Public Affairs Office
National Park Service
Midwest Region
1709 Jackson St.
Omaha, NB 68102
(402)221-3471

National Forests:

Public Services Office
Forest Service
Region 9, Eastern
Clark Building
633 W. Wisconsin Avenue
Milwaukee, WI 53203
(414)291-1907

Wildlife Refuges:

Public Affairs Office
US Fish and Wildlife Service
North Central Region
Federal Building, Fort Snelling
Twin Cities, MN 55111
(612)725-3520

AUDIOVISUAL MATERIALS SOURCES

The government and private agencies listed below have been identified as sources of free loan or rental 16mm films. In many cases, films may also be purchased from these sources. The information on loan and rental policies, addresses and phone numbers is correct for summer 1977. However, such information frequently changes without notice. The library staff will appreciate being informed of any corrections or revisions noticed by bibliography users. Catalogs and brochures describing materials are available on request from the agencies.

WISCONSIN SOURCES

University of Wisconsin Extension
Bureau of Audiovisual Instruction
P.O. Box 2093
Madison, WI 53706
(608)262-1644
Film rentals. A separate listing of environmental films is available on request.

University of Wisconsin Sea Grant College Program
1800 University Avenue
Madison, WI 53706
(608)263-3259
Two free loan films on salmon and Great Lakes fishermen

University of Wisconsin--LaCrosse
Audiovisual Center
1705 State Street
LaCrosse, WI 54601
(608)785-8045
Film rentals.

Wisconsin Department of Natural Resources
Box 7921
Madison, WI 53707
(608)266-2621
Film loans.

UNITED STATES GOVERNMENT SOURCES

US Department of the Interior
Office of Public Affairs
Washington, DC 20240
(292)343-1100
Film loans and rentals. Many sub-agencies of the Interior Department distribute their own films. The following five agencies are among this group.

National Park Service
Washington, DC 20240
Film sales and rentals. Park Service films are distributed by:
Film Librarian
Harpers Ferry Historical Association
P.O. Box 147
Harpers Ferry, WV 25425

US Fish and Wildlife Service
Regional Office
Federal Building, Fort Snelling
Twin Cities, MN 55111
(612)725-3520
Film loans.

Bureau of Reclamation
Film Management Center
Building 67, Denver Federal Center
Denver, CO 80225
(303)234-2050
Film loans. Primarily on reclamation projects, dams, etc. Some 35mm slide programs also available.

Office of Water Research and Technology
Washington, DC 20240
(202)343-4608
Film loans. Primarily on desalinization of water.

Motion Pictures
Bureau of Mines
4800 Forbes Avenue
Pittsburgh, PA 15213
(412)612-4500
Film loans. Topics are mining, natural resources.

US Environmental Protection Agency, Region V
230 S. Dearborn
Chicago, IL 60606
(312)353-2000 (Public Affairs Dept., 353-2072)
Film loans. Films are distributed through Modern Film Rentals (see commercial section below)

US Forest Service
Eastern Region
633 W. Wisconsin Avenue
Milwaukee, WI 53202
(414)224-3600
Film loans.

National Aeronautic and Space Administration
NASA Lewis Research Center
Office of Educational Services
21000 Brookpark Road
Cleveland, OH 44135
(216)433-4000
Film loans. Six 15-minute films derived from NASA's Landsat satellite survey program.

National Audiovisual Center
General Services Administration
Washington, DC 20409
(301)763-7420
Sales, rental and loan of government-produced films.

NONCOMMERCIAL SOURCES

American Forest Institute
1619 Massachusetts Avenue, NW
Washington, DC 20036
(292)667-7807
Free loan film, Forests Are for People. Deals with modern forest management. Order through Modern Film Rentals (see commercial section below)

Environmental Action Coalition
156 Fifth Avenue
Suite 1130
New York, NY 10010
(212)929-8481
Film rentals. Rental fees $5.

GPN (Great Plains National Instructional Television Library)
Box 80669, Lincoln, NB 68501
(492)472-2007 or 467-2502
Film rentals. Rental fees $20-$30.

Green Mountain Post Films
P.O. Box 177
Montague, MA 01351
(413)863-4754
Film rentals. Includes several films on citizen opposition to nuclear power plants. Rental fees $10-$50.

Sierra Club
530 Bush Street
San Francisco, CA 94109
(415)981-8634
Film sales and rentals. Rental fees $7.50. Film rentals are handled through Association Films, Inc. (see commercial section below)

Soap and Detergent Association
475 Park Avenue South
New York, NY 10016
(212)725-1262
Film loans. Two films on detergents and the environment are available.

COMMERCIAL SOURCES

AIMS Instructional Media Services
626 Justin Avenue
Glendale, CA 91201
(312)240-9300
Film sales and rentals. Rental fees $20-$65.

Association Films, Inc.
512 Burlington Avenue
LaGrange, IL 60525
(312)352-3377
Film sales, rentals and loans. Distributes Sierra Club films.

BFA Educational Media
2211 Michigan Avenue
P.O. Box 1795
Santa Monica, CA 90406
(213)829-2901
Film sales and rentals. Rental fees $15-$25.

Britannica Films
Encyclopedia Britannica Educational Corporation
Regional Rental Library
1822 Pickwick Avenue
Glenview, IL 60025
(312)724-3920
Film sales and rentals. Rental fees $8-$32.

Centron Films
1621 West Ninth Street, Box 687
Lawrence, KS 66044
(913)843-0400
Film sales and rentals. Rental fees are 10% of the purchase price of film. Wisconsin users are asked to try the UW--LaCrosse Audiovisual Center (see Wisconsin section above) before approaching Centron itself.

Doubleday Multimedia
Box 11607
1371 Reynolds Avenue
Santa Ana, CA 92705
(714)557-0403
Film sales and rentals. Rental fees $10-$25.

International Film Bureau, Inc.
332 South Michigan Avenue
Chicago, IL 60602
(312)427-4545
Film sales and rentals. Rental fees $10-$25.

Modern Film Rentals/Modern Talking Picture Service, Inc.
1687 Elmhurst Road
Elk Grove Village, IL 60007
(312)593-3250
Film rentals. Rental fees $7-$30.

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Stuart Finley
3428 Mansfield Road
Falls Church, VA 22041
(703)820-7700
Film sales and rentals. Rental fees 10% of purchase price of film.